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FIRENZE

DST

DIPARTIMENTO DI
SCIENZE DELLA TERRA

ECCELLENZA 2023-2027

Minutes of the on-line meeting of the academic board of the PhD course on Earth and Planetary Sciences of the University of Florence, 38th and 39th cycle July 30th31st, 2024

An email-meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences, University of Florence, Prot. n. 179328/2024 has been convened for 30th - 31st July 2024, from 12,30 (Italian time) in order to deliberate and discuss on the following points at the Agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
- 3. Agreements of Scientific Cooperation.**

Presents:

Academic board:

N.	SURNAME NAME	PARTICIPATION
1	Balestrieri Maria Laura	P
2	Belvedere Matteo	P
3	Benvenuti Marco (GEO/02)	P
4	Benvenuti Marco (GEO/09)	P
5	Bernor Raymond	P
6	Bertini Adele	P
7	Bianchini Silvia	P
8	Bindi Luca	P
9	Buccianti Antonella	P
10	Capaccioni Fabrizio	P
11	Capezuoli Enrico	P
12	Carnicelli Stefano	P
13	Casalini Martina	P
14	Caselli Alberto Tomás	P
15	Chopin Christian	A
16	Cioni Raffaello	P
17	Conticelli Sandro	A
18	Danise Silvia	P
19	De Luca Claudio	P
20	Del Ventisette Chiara	P



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21	Elliott Tim	P
22	Fanti Riccardo	A
23	Francalanci Lorella	P
24	Intrieri Emanuele	P
25	Jover Tomás Roberto	P
26	Marchetti Emanuele	P
27	Mazzini Ilaria	P
28	Moretti Sandro	P
29	Moyà Solà Salvador	P
30	Münker Carsten	A
31	Nebout Combourieu Nathalie	P
32	Nishimura Takeshi	P
33	Pratesi Giovanni	P
34	Raspini Federico	P
35	Rimondi Valentina	J
36	Rook Lorenzo	P
37	Rossi Giuliana	P
38	Saccorotti Gilberto	P
39	Sani Federico	P
40	Scaillet Bruno	P
41	Tassi Franco	P
42	Tofani Veronica	P
43	Vilimek Vit	A

The meeting starts at 16,30. The meeting is valid as the participants are: 37, justified: 1, absents: 5, on 43 members.

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the “HORIZON Marie Skłodowska Curie Doctoral Networks”, project: “The doctoral rift science network for the energy transition” TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests of admission to the 40th cycle doctoral course by Dr. Farrell Conor (Irish citizen) and Dr. Chandresh Reha (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment. In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allow the enrollment to a PhD Course.



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The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: "Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift".
- Dr. Chandresh Reha has a research grant on: "Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy".

The academic board unanimously evaluates the titles equivalent to the Italian titles and approves the admission to 1st year of the PhD course 40th cycle on Earth and Planetary Sciences as supernumerary students with the above-mentioned research titles.

2. Requests by students.

The student Szokolczai Istvan asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

The academic board unanimously approves the stay abroad of more than 6 months at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. **The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain)** is willing to host the student for about **6 months** starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
- The student **Dr. Alessio Gatto** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of vulnerability, resilience and risk perception in hazardous areas with geological risks. **The British Geological Survey, Nottingham, UK (BGS)** is willing to host the student under the supervision of Dr. Roxana Ciurean, for 4 months, starting from September 2024. Please find attached the draft agreement with the BGS (Att. 3).



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- The student **Dr. Diletta Paghi** asks authorization (at ratification) to subscribe to an agreement for joint research with the **Centre National de la Recherche Scientifique** (CNRS), Paris, France, to carry out scientific activities in the laboratory of Archéosciences Bordeaux. The field of research is the archaeological sciences and Cultural Heritage sciences. Supervisor: Prof. Rémy Chapoulie, Maison de l'Archéologie Domaine Universitaire, Pessac (France). Period of stay: May-June 2024. Please find attached the Agreement of joint research with the Centre National de la Recherche Scientifique (CNRS) and University of Florence-DST (Att. 4).

The academic board unanimously approves all the Agreements of Scientific Cooperation.

At 16,30 of the 31st July 2024 the meeting is concluded.

Read and approved,

The Coordinator

Prof. Sandro Moretti

The Secretary

Ms. Serena Cartei

CONOR FARRELL

Education

Sep 2022 – Sep 2023 – MASTER OF SCIENCE DEGREE IN VOLCANOLOGY
University of Bristol, UK
Merit (2:1)

Sep 2018 – Jun 2022 – BACHELOR (HONOURS) DEGREE IN GEOLOGY/EARTH SCIENCE
University College Dublin, Ireland
First-Class Honours (1:1)

Key Academic Achievements

CUNNINGHAM AWARD

Dec 2022

Geological Survey Ireland

Awarded to the two best undergraduate geological mapping projects by students in Ireland.

BSc GEOLOGY SCHOLARSHIPS (BOTH STAGE 3 AND STAGE 4)

Nov 2020 & Dec 2021

University College Dublin, Ireland

Awarded for achieving top of the year in geology.

MINERALOGY SOCIETY STUDENT AWARD

Nov 2021

Mineralogy Society of Great Britain and Ireland

Awarded for excellent performance in mineralogy.

PALASS UNDERGRADUATE PRIZE

Nov 2020

The Palaeontological Association

Awarded for excellent performance and interest in palaeontology.

Key Research Experience

Aug 2023, *University of Bristol/CGG*: Poster presentation at the Society of Economic Geologists (SEG) 2023 London. 'Large silicic ignimbrites as a source of lithium: a case study of Cerro Galán.'

Feb – Sep 2023, *University of Bristol/CGG*: For my **MSc thesis** 'Large silicic ignimbrites as a source of lithium: a case study of Cerro Galán', I analysed samples from the Cerro Galan ignimbrite in north-west Argentina using optical microscopy, SEM, EPMA, and LA-ICP-MS. I investigated how ignimbrite textures, compositions, and physical properties control lithium mobility and enrichment in salar basins. Applied to Li exploration.

Jan – May 2021, *University College Dublin*: An independent research project using a large 3D seismic dataset (in TrapTester) to study the effect of normal fault geometry on variations in throw in the Thebes region, offshore north-west Australia.

Publications

Foster, Hirtz, **Farrell** et al., 2022. Bioindicators of severe ocean acidification are absent from the end-Permian mass extinction. *Scientific Reports*.

- Using bivalve and gastropod samples from Svalbard, we investigated a hypothesised ocean acidification event during the P-T climate crisis. My work included picking sediment for fossils and imaging them with an SEM and data analysis.
-

Key Fieldwork Experience

Feb – Mar 2023, University of Bristol: Three weeks of fieldwork along the volcanic arc in Guatemala, including active volcanoes. Focussed on natural hazards and risk in Central America.

Mar 2022, University College Dublin: Nine days of fieldwork in the Internal Zone of the Betics near Carboneras, Spain. Focussed on the evolution of the orogeny and related basins.

Sep 2021 – Mar 2022, University College Dublin: For my **BSc thesis** ‘The bedrock geology the area south-west of Castletownbere’, I created a geological map of Devonian and Carboniferous sequence in south-west Ireland based on five weeks of independent mapping and investigated the geological history of the area. I produced a map, associated cross-sections, and a report.

Aug – Sep 2021, University College Dublin: Nine days of advanced geological mapping in Malahide and Bray, Co. Dublin and of Lower Palaeozoic basement in the Letterfrack area, Co. Galway.

Sep 2020, University College Dublin: One week of mapping Silurian basement in Louisburgh, Co. Mayo.

Previous Employment

RESEARCH ASSISTANT

Nov 2023 – present

University College Dublin, Ireland

I am modelling the main Carboniferous stratigraphy in Ireland using boreholes, seismic sections, and outcrop data. Applied to geothermal energy exploration.

PETROPHYSICS RESEARCH ASSISTANT

Jun – Sep 2022 & Mar – October 2023

University College Dublin, Ireland

As part of the UCD Petrophysics Group I helped create a petrophysical database of volcanics & carbonates in Limerick to improve our understanding of their petrophysical characteristics. Applied to Zn exploration & modelling of subsurface.

GEOPHYSICAL FIELDWORK ASSISTANT

May 2022

University College Dublin, Ireland

Carried out a resistivity survey of a pegmatite vein in Moylisha forest in Co. Carlow, as part of the EU GREENPEG project. Applied to Li exploration.

ENGLISH TEACHER & CAMP COUNSELLOR

Jun – Jul 2019

Colegio Irlandesas, Bilbao, Spain

I taught English and organised activities at Colegio Irlandesas, for 7- and 8-year-olds.

Computational skills

Intermediate GIS (Arc/QGIS)
Intermediate Adobe Illustrator

Intermediate Petrel & Leapfrog
Basic Python, MATLAB, & C

Non-academic achievements Gaisce Gold (The President’s Award)

Motivational Statement & Research Interests

As a graduate geologist and volcanologist fascinated by structural geology, this position immediately caught my attention: the chance to carry out research on such an extraordinary part of the world. A large reason I chose to study my BSc geology degree in University College Dublin (UCD), Ireland, was because of my passion for problem solving and complex systems. This PhD is extremely exciting as it is part of a wider group of projects (TALENTS), creating the chance for collaboration with other PhD students and researchers at conferences and elsewhere. A PhD can be an isolating experience, so a cohort of fellow researchers, even spread across Europe, will be a great support over the three years. As well as being of geological interest, I am particularly drawn to this project because my results will relate to geothermal energy and seismic hazard, among other things, through advancing our collective knowledge of rifts.

I recently completed a MSc in Volcanology at the University of Bristol. In 2022, I completed my BSc (Hons) in Geology degree with First Class Honours at University College Dublin. I studied structural geology, geological mapping, geophysics, geomorphology, and GIS during my BSc, among other subjects. In December 2022, I received the Cunningham Award from the Geological Survey Ireland, awarded annually to the two best geological mapping BSc theses in Ireland. My professional experience to date includes working as a researcher for the National Geothermal Database project in UCD, Ireland (currently employed), working for a year as part of the UCD Petrophysics Research Group in UCD, and carrying out a resistivity survey in County Carlow, Ireland, as part of the EU-wide GREENPEG project to improve methods of finding lithium. As part of my work with the National Geothermal Database, I am helping create an integrated 3D structural and stratigraphic subsurface model in the midlands and Dublin regions to facilitate geothermal resource characterisation and heat in place estimation. This involves correlating data from outcrop maps, seismic sections, and over 48,000 boreholes.

In addition, my prior research experience includes co-authoring a published paper investigating the possibility of an ocean acidification event during the end-Permian climate crisis (Foster, Hirtz, Farrell, et. al., 2022), my MSc thesis on large silicic ignimbrites as a source of lithium, an independent research project using a large 3D seismic dataset to study the effect of normal fault geometry on variations in throw in the Thebes region, offshore north-west Australia, and my bachelor's thesis on the bedrock geology of an area in south-west Ireland. For my BSc thesis, I spent five weeks independently mapping Devonian and Carboniferous sequence of the South Munster Basin (a half-graben) and then produced a digital geological map and report dissecting the geological history of the area. For my MSc thesis, I analysed thin sections using petrological microscopes, SEM, EPMA and LA-ICP-MS. During my degrees, I have spent 15 weeks carrying out fieldwork in Ireland, Spain, England, and Guatemala. Most recently, I spent three weeks in Guatemala in spring 2023, where I learned how the interplay between volcanic hazards and complex social issues creates risks for thousands of people near active volcanoes. It was particularly during my BSc mapping project that I discovered how I enjoyed the process of investigating the structure and stratigraphy of an area and piecing together varying types of often sparse data from across the disciplines of geology.

I view a PhD as an apprenticeship in research, and undertaking this PhD will open future careers for me in research, whether that is in academia, for the government, or in industry. I am passionate about disaster risk reduction and aim to become involved in that field. I believe that studying such a tectonically and volcanically hazardous part of the world will be extremely valuable for my research career. This PhD is an exciting opportunity which I am eager to be a part of.

Referees

Name	Affiliation	Email Address
Aline Melo	Lecturer/Assistant Professor, School of Earth Sciences, University College Dublin	
John Walsh	Professor, School of Earth Sciences, University College Dublin	
Alison Rust	Head of School, Professor, School of Earth Sciences, University of Bristol	



UNIVERSITY OF BRISTOL

We hereby certify that

Conor Farrell

*having duly satisfied the Examiners appointed by Senate
and having fulfilled all the conditions prescribed
by ordinance and regulations
by resolution of the Board of Trustees
was awarded the Degree of*

**MASTER OF SCIENCE
in Volcanology
with Merit**

on the

21 November 2023

VICE - CHANCELLOR
AND PRESIDENT

2305980

REGISTRAR AND
UNIVERSITY SECRETARY



To request award verifications and transcripts directly, visit
www.bristol.ac.uk/directory/exams/cert-verif-results/



UNIVERSITY OF BRISTOL TRANSCRIPT/DIPLOMA SUPPLEMENT

This transcript incorporates the model developed by the European Commission, Council of Europe and UNESCO/CEPES for the Diploma Supplement (DS) and aspects of the Higher Education Achievement Report. The purpose of the transcript/DS is to provide sufficient recognition of qualifications and it is designed to provide a description of the nature, level, context and status of the studies that were pursued and successfully completed by the named individual. Further information about the Diploma Supplement is available at https://ec.europa.eu/education/diploma-supplement_en and the Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies at <https://www.qaa.ac.uk/docs/qaa/quality-code/qualifications-frameworks.pdf>.

Name of Student	Conor Farrell
Date of Birth	10 July 2000
University Reference	2305980/1
HESA Reference	
Qualification	Master of Science
FHEQ Level	Master's Degree
Programme of Study	Volcanology (MSc)
Length of Programme (on a full time basis)	1 Year(s)
Faculty	Faculty of Science
Mode of Study	Full Time
Awarding/Teaching Institution	University of Bristol
Language(s) of Instruction/Assessment	English

2022/23 Volcanology (MSc)	Unit Level	Unit Status	1st Mark	1st Outcome	Additional Attempt	Mark	Outcome	Credit
EASCM0041 Research Methods in Volcanology	7	C	69	P				30
EASCM0043 Dissertation: Thesis (Volcanology)	7	C	68	P				60
EASCM0056 Topics in Volcanology	7	C	64	P				30
EASCM0065 Volcanic Processes, Models and Hazards	7	C	69	P				40
EASCM1008 Natural Hazards in Central America	7	O	70	P				20
Credit points awarded in this academic year								180
Cumulative credits								180

Award	Master of Science in Volcanology
Classification (If any)	With Merit
Date of Award	21 November 2023
Date Transcript Issued	27 November 2023

Issued by: Paula Coonerty, Academic Registrar.

Signature:

UNIVERSITY OF BRISTOL TRANSCRIPT / DIPLOMA SUPPLEMENT

Academic Information

1. The University's qualifications and the number and level of credit points required for each qualification, as set out in the University's credit framework, are provided at: www.bristol.ac.uk/academic-quality/assessment/regulations-and-code-of-practice-for-taught-programmes/programme-design/.
2. Students with prior learning may be admitted directly into a programme of study, see www.bristol.ac.uk/academic-quality/assessment/regulations-and-code-of-practice-for-taught-programmes/rpl/.
3. The pass mark is 40 for units at levels 4-6 and 50 for level 7 and units on the Veterinary Science, Medicine and Dentistry programmes. A unit may be marked on a pass/fail basis where no numerical mark is given. For the purposes of determining progression and degree classification, the unit mark may be capped at the pass mark where it is achieved at the second attempt.
4. The University's regulations for awarding qualifications and degree classification, including the classification bands, are available, by academic year at: www.bristol.ac.uk/academic-quality/assessment/.

5. Explanation of Unit Status Symbols:

C	Compulsory	O	Optional	V	Voluntary
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Explanation of Outcome Symbols:

P Pass

6. Further details relating to programme outcomes, structure, methods of assessment, access requirements and any professional skills/status obtained are outlined in the University's Programme Specifications at: www.bristol.ac.uk/prog-catalogue/.
7. If there are queries regarding the content of this Transcript, or if it is required in an alternative format, please contact the relevant Faculty Office (www.bristol.ac.uk/faculties/).



Large silicic ignimbrites as a source of lithium: a case study of Cerro Galán

Conor Farrell

University of Bristol

Abstract

Roughly 58% of known Li reserves are hosted within evaporative saline basins, such as the salars of the Atacama Desert in South America. A key control on Li enrichment in salar brines is the presence of Li sources within the catchment, which are principally believed to be Li-bearing silicic volcanic glasses in ignimbrites that release their Li during weathering. The Cerro Galán ignimbrite (CGI), erupted between 2.13 and 2.06 Ma, is the youngest of a series of large ignimbrites at the Cerro Galan caldera and is dacitic to rhyolitic in composition. The samples focused on in this study were collected from the resurgent dome and the western flank of the caldera. The CGI is recognised as a major Li source for the Salar de Hombre Muerto in northwest Argentina and is considered an archetype source rock in salar systems. This study investigates ignimbrite textures, compositions, and physical properties, focusing on Li in both the glass and mineral phases in ignimbrites, particularly biotite and plagioclase, and relates this to controls on Li mobility and enrichment in salar systems. A suite of 19 thin sections were studied using optical microscopy, SEM, EPMA, and LA-ICP-MS to characterise them and determine their major and trace element compositions. The CGI is an example of a highly crystalline, Li-rich, large silicic ignimbrite which acts as a source for a salar deposit. We measure up to 137 ppm of Li in rhyolitic glass and demonstrate that >100 ppm of Li may have been lost post-eruption. Volcanic glass is generally believed to be the most important source of Li in salar deposits, but here we measure high concentrations of Li in both biotite and plagioclase as well. Our results suggest that mineral phases in large silicic ignimbrites may be a more important source of lithium than previously thought.

Acknowledgements

I am grateful to my supervisor, Prof. Alison Rust, for her incredible support during my project. I would also like to thank the team from CGG who supported my research: Edward Bunker, Stephen Edwards, Naomi Thompson, and Joseph Emmings for their advice and time. I would like to thank CGG and the University of Bristol for their financial support, without which this project could not have happened. I am also grateful to Yannick Buret for his help carrying out LA-ICP-MS and the Natural History Museum in London for the usage of their LA-ICP-MS instrument. Finally, I would like to thank Bence Horanyi for his invaluable advice and provision of partition coefficient data.

Declaration

I declare that the work contained in this thesis is the author's own, except where stated or referenced. The views expressed in this thesis are those of the author and do not represent those of the University of Bristol.

Conor Farrell (04/09/23)



TALENTS PhD Application Form

Name and Surname: [Reha Chandresh](#)

Born in: [Bangalore, India](#) on date: [21/06/2002](#).

Residence Address: [LS 315, Linstead Hall, Eastside, Prince's Gardens, London, United Kingdom](#)

Post code: [SW7 1BU](#).

Citizenship: [Indian](#)

e-mail address: _____ (to be used for all communications regarding the application)

Applying for

the competition for the TALENTS PhD scholarship at the University of Florence

Order of preference	Project number (choose from 1 / 2)
First choice	TOPIC 2 - Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy
Second choice (leave blank if only interested in one project)	TOPIC 1 - Localisation and along-rift linkage of extension and implications for geothermal potential in Main Ethiopian Rift

I DECLARE:

(1) to have been awarded a **Master Degree** in the subject of [Geology](#) from the University of [Imperial College London](#) on (date) [28/06/2024](#)

or

to be at the last year of a Master Degree in the subject of _____ at the University of _____ and that the title will be awarded by _____ (date) _____

discussing the **thesis title**:

[Investigating and quantifying the geomorphic response to young, active normal faulting – a study in the Gulf of Corinth, Greece.](#)

under the supervision of Dr./Professor: [Dr. Alex Whittaker](#)

(2) do not to hold a Doctoral degree

(3) not have resided and not have carried out my main activity (work, studies, etc.) in the country of the recruiting beneficiary for more than 12 months in the 3 years immediately prior to the starting date of the Doctoral Programme.

Dipartimento di Scienze della Terra (DST)

Università degli Studi di Firenze UNIFI

P.IVA/Cod.Fis 01279680480 Via La Pira, 4 - 50121 Firenze (FI)

PEC: geo@pec.unifi.it

Please fill the table below with all information related to your educational/research activity in the last 4 years, including if any period spent in Italy for work, study or education.

From	To	City, Country	Activity
03/10/2020	28/06/2024	London, United Kingdom	MSci Geology (UG Degree) from Imperial College London

	A1	A2	B1	B2	C1	C2
English Level	<u>A1</u>					

Please provide the contacts of the two academics/research professionals who wrote the two letters of support for your application.

Name, Surname	Organization	Email	Phone
Dr. Alex Whittaker	Department of Earth Science and Engineering, Imperial College London		
Dr. Rebecca Bell	Department of Earth Science and Engineering, Imperial College London		

The candidate acknowledges that the University of Florence accepts the copy the degree certificates for the sole purpose of the evaluation and that the selected candidate may be required to provide the official translation and a legal recognition of their qualification, if required by the national Law of the Host Institution.

I attached to this application the following documents

- Curriculum Vitae (CV) including the details of education/qualifications, work experience, language skills and other relevant skills and achievements
- Letter with motivational statement, statement of research interests, and career vision (max. 1 page)
- Transcript of record (academic studies) and Master Degree certificate (when available)
- Two letters of support from academics or research professionals
- A summary of the Master Degree thesis or a brief description of the past scientific activity
- Copy of the valid ID/Passport

11/04/2024; London, United Kingdom



Place and date

Candidate Signature

Reha Chandresh

Linstead Hall, Eastside
Prince's Gardens, London SW7 1BU

Profile

I am a final year undergraduate MSci Geology student, extremely passionate about research, and greatly looking to pursue a PhD within the broad field of active tectonics, fault activity and evolution, and associated landscape dynamics. I am highly interested in structural geology, sedimentology and stratigraphy, geomorphology and geohazards, with a good understanding of igneous-metamorphic processes and tectonic activity.

I enjoy field data collection to complement theoretical knowledge, combining/integrating this data with other types of datasets to produce comprehensive geological reports, showing good attention to detail and data-analytic skills

MSci Research project on "Investigating and quantifying the response of river system landscapes to active faulting and uplift: A study in the Gulf of Corinth, Greece".

BSc Independent Geological Mapping Project on "Understanding the structural features and tectonic evolution of the nappe stack in Southern Crete, Greece".

UIROP Project on "Designing numerical and 3-D models as potential storage sites for Carbon Capture Storage (CCS)".

Natural leadership, communication, and public-speaking qualities, reflected in the multiple representation and leadership roles held throughout the course of my degree, including President of the Royal School of Mines Union.

I am a proven team player and leader. I can quickly adapt to new environments, work under pressure, and successfully manage multiple projects and roles simultaneously by providing innovative solutions to improve work efficiency.

Education

October 2020 - Present **MSci Geology**
Department of Earth Science and Engineering,
Imperial College London, United Kingdom
Cumulative Grade: High 2.1

- **Relevant modules:** Deforming the Earth, Continental and Ocean Tectonics, Applied Geomorphology, Geohazards, Sediments and Stratigraphy, Pure and Applied Geophysics, Remote Sensing in ArcGIS and ERDAS Mapper, Maps and Structures, Arc Magmatic Processes and Products.
- **Other modules:** Igneous and Metamorphic Geology, Paleontology and Optical Mineralogy, Ore Deposits, Minerals Processing, Low and High Temperature Geochemistry, Planetary Surfaces, Geological Reactive Transport, Maths, Python Programming, Data Science and Machine Learning.
- **Fieldwork:**
 1. **Research-based:** Southern coast of the Gulf of Corinth, Greece; collecting hydraulic geometry, rock strength and grain size and lithology data in the Phoenix, Skoupeiko and Sithas Catchments.
 2. **Taught residential trips:** Lake District, UK; South Wales, UK; Scotland, UK; Sardinia, Italy
 3. **Geological Mapping:** 5-week geological mapping data collection project conducted in Plakias, Southern Crete, Greece.

June 2019 - March 2020 **Grade 12; Central Board of Secondary Education, India**
PSBB Learning Leadership Academy, Bangalore, India.
Overall Grade: 95.2

- Grade 12: Physics (95), Chemistry (95), Math (95), Biology (96), English (96).
- Completed 3 intensive independent research projects – one each in Physics, Chemistry and Biology.

Research Experiences

October 2023 - Present **MSci Research Project:**
Landscape and Basins Research Group (LBRG),
Department of Earth Science and Engineering, Imperial College London

- **MSci Project Topic:** "Investigating landscape response to active faulting in Southern Corinth, Greece".
 - **Overall Grade = First-Class**
 - Fieldwork was done in the rivers crossing the active Aigion fault to collect data on channel hydraulic geometry and grain size.
 - Using the field data and GIS to determine the sediment fluxes and discharge in the rivers to keep pace with the active uplift.
-

July - September 2023 **Undergraduate Research Opportunity (UROP)**
Novel Reservoir Modelling and Simulation (NORMS) Research Group,
Department of Earth Science and Engineering, Imperial College London

- **UROP Topic:** " **Designing** numerical and 3-D models as potential storage sites for Carbon Capture Storage (CCS)".
- Using RRM to sketch 3-D models from 2-D cross sections of the Hosta Sandstone, New Mexico.
- Understanding differences between the porosity and permeability of the different lithologies to identify suitable host rocks for Carbon storage.

October - December 2022 **Independent Geological Mapping Project**
Department of Earth Science and Engineering,
Imperial College London

- **Project Title:** "Understanding the structural and tectonic evolution of the Nappe stack mapped in Southern Crete, Greece.
- Structural and lithological field data collected in a 5-week mapping trip.
- Analyzed data to categorize stress regimes and determine the structural and tectonic evolution of the Cretan Nappe Stack.

Work Experiences

- October 2023 - Present **Undergraduate Teaching Assistant (UTA)**
Department of Earth Science and Engineering, Imperial College London
- October 2023 - Present **Undergraduate Student Mentor**
Department of Earth Science and Engineering, Imperial College London
- September 2021 - Present **Hall Senior**
Linstead Halls of Residence, Imperial College London
- January 2023 - Present **Student Ambassador**
Imperial College London
- April 2023 **bp's Discovery Week and Widening Participation Program**
bp, United Kingdom

Leadership

August 2023 - Present	President Royal School of Mines Union, Imperial College London
August 2022 - July 2023	Honorary Secretary Royal School of Mines Union, Imperial College London
August 2022 - July 2023	Year 3 Academic Representative Department of Earth Science and Engineering, Imperial College London
August 2021 - July 2022	Departmental Well-being Representative Department of Earth Science and Engineering, Imperial College London
August 2021 - July 2022	Balls Officer Royal School of Mines Union, Imperial College London
October 2020 - July 2021	Year 1 Well-being Representative Department of Earth Science and Engineering, Imperial College London

Volunteering

November 2023 - Present	Trustee, ex-officio Royal School of Mines Association Trust, United Kingdom
October 2021 - Present	Departmental Student Ambassador Department of Earth Science and Engineering, Imperial College London
October 2021 - June 2023	GCSE Chemistry Tutor The Access Project, online (based in the United Kingdom)

Skills

- Geological field mapping (identifying and describing both qualitatively and quantitatively the structures and lithologies observed during fieldwork).
- Using field equipment (Laser Range Finder and Schmidt Hammer)
- Using ArcGIS, ERDAS Mapper, Rapid Reservoir Modelling (RRM), Inkscape and Stereonet11
- Using optical microscopes for thin-section study

Additional Courses

- SAR Application for Flood Hazard Mapping and Monitoring, Indian Institute of Remote Sensing (IIRS) - July 2021
- Marlin's Fieldwork First-Aid training course - February 2022

Awards and Honours

- Imperial Award for Critical Self-Awareness and Active Self-Management, August 2023
- Imperial Award for Effective Teamwork Skills, April 2024
- Royal School of Mines Association 100 Club Bursary Prize Winner, October 2023
- Old Centralian's Trust (OCT's) Student Activity Award Winner, November 2023
- Union General Award Winner, Royal School of Mines Union, March 2024
- International Student of the Year Winner, Royal School of Mines Union, March 2024
- Union Colours, Imperial College Union, June 2023
- Professor Pryor Award, Royal School of Mines Union, March 2023
- Full Colours, Royal School of Mines Union, March 2023
- Half Colours, Royal School of Mines Union, March 2022

Personal Statement (motivations, research interests, career vision)

In a world where seismic activity poses an ever-present threat, unravelling the dynamic growth, linkage and evolution of active fault systems is essential, not only for comprehending the intricate forces shaping our planet but also for deepening our understanding of how they propagate seismic hazard. Over the course of my Geology degree, I have developed a strong interest in structural geology, sedimentology & stratigraphy, geomorphology and geohazards. Specifically, I enjoy learning and researching about active faulting, the growth and evolution of fault networks, and how landscapes evolve in response to tectonic activity.

My independent mapping project comprised of a 5-week geological mapping fieldtrip to southern Crete, Greece, where I made detailed qualitative and quantitative descriptions of the lithologies, stratigraphic records, and the structural features exposed. Upon return, I plotted my fold and fault data using Steronet11 software. I studied the different fold generations and the relationships between the faults and folds based on their stress regimes. This led me to develop an interest in the structural evolution of the Cretan Nappe Stack due to tectonic activity from the Hellenic Subduction Zone, and I focused my report on establishing a structural- focused geological history. My interest in postgraduate (doctoral) research on active faulting, slip rates and landscape dynamics was furthered by my MSci project with Dr. Alex Whittaker's Landscape and Basins Research Group at Imperial College London. As part of my project, I investigated the response of river channel systems to active uplift caused by young normal faults, using the Aigion fault in Corinth as my field-based case study. On a research-based field trip to Corinth, Greece in September 2023, I collected data on the Phoenix River's hydraulic geometry, grainsize and characterized the bedrock types and sediment sourcing. I analysed and processed the data to derive values for flow velocity, shield stress, stream power and discharge. I combined this data with maps of lithology generated by ArcGIS and MATLAB, and with data from the European Ground Motion Service (EGMS). Using the relationships between these datasets, I worked to understand how geomorphic parameters such as terrace heights (maximum incision), grainsize, stream power and shield stress vary down-system to the outlet, particularly looking for any patterns just upstream and downstream of the active, young normal Aigion Fault that passes through the delta region of the Phoenix River. I used this data to generate a comparison with rivers that have undergone significant uplift and modification due to older, inactive normal faults in the Gulf of Corinth, such as the Xylokaastro Fault.

Understanding and constraining the displacement rates and growth history of active fault systems remains a significant challenge for quantifying seismic hazard and for understanding the boundary conditions for landscape evolution and basin development. Measurements or estimates of fault throw or slip rates can vary temporally and spatially, especially when there is lack of any previous study/understanding in the Ethiopian rift area, and the presence of complex magmatic deposits hinders study. Being able to quantify fault slip, extension, and the associated seismic activity on fault networks is essential, especially if there is fault expression onshore and ruptures can lead to large-scale geohazard events. In the case of the Ethiopian Rift, the presence of magmatic deposits implies a strong connection with volcanic hazards. I am passionate about conducting research in, and contributing to the field of tectono-geomorphology, complementing these studies with seismicity, volcano-stratigraphy, and geodetic measurements. I believe that I possess a strong interest and background within the area of structural field mapping and quantitative geomorphology and have the skills to use ArcGIS, analyse data and study of EGMS measurements. This is complemented by my prior experiences of conducting fieldwork in Corinth, which forms a base for comparison with the Ethiopian Rift in this PhD project will allow me to transfer my knowledge of Corinth rifting and faulting, as well as overall Greek geology and tectonic history to the PhD objectives at hand. Combining these qualities with my interest in seismics, stratigraphy and geohazards will provide a strong background for me to conduct postgraduate research, fieldwork and analyses in the Ethiopian

Rift and use various new datasets such as volcanic and seismic records in combination with geodetics to better establish boundary conditions on fault slip and growth over space and time.

Given my passion for research, I aim to continue working in academia as a researcher. A post PhD goal would be to see the results of my PhD transition into a post-doctoral research project or provide base for similar research in associated fields. Conducting research for a PhD will require a unique combination of soft skills to complement my academic experiences, which I have developed through multiple leadership and outreach positions during my time at Imperial. I am a respected and valued advocate within my department, as evidenced by my election to numerous representation roles in the past three years.

Such impactful research is highly meaningful, not only within the geological community but also globally, enhancing our understanding of hazards associated with faulting and rift systems. With my academic background, research experience and geological skills, I believe am uniquely positioned to contribute significantly to this field. My interdisciplinary approach, coupled with a co-curricular background, makes me a strong candidate to conduct research. Through this research, I aspire to take small yet meaningful steps to positively contribute to our understanding of fault activity, rift behaviour and associated seismic or volcanic hazard.

Student Details

Family name:	Chandresh
Given name(s):	Reha
Date of birth:	21 June 2002
Level:	Undergraduate
Imperial student ID:	01879229
HESA student ID:	
Start date:	03 October 2020
Expected completion date:	28 June 2024

Award Aim

Award aim:	Master in Science (MSci)
Award status:	Not yet awarded

This is a pre-award transcript and cannot be used as evidence of qualification.

Programme of Study

Programme title:	Geology
Department:	Department of Earth Science and Engineering

Module	Year	Mark	Credit
Deforming the Earth	2020-2021	76.00	5.00
Dynamic Earth and Planets	2020-2021	72.00	7.50
High Temperature Geochemistry	2020-2021	73.00	5.00
History of Modern Medicine and the Body	2020-2021	Pass with Merit	0.00
Life over Deep Time	2020-2021	52.00	5.00
Low Temperature Geochemistry	2020-2021	74.00	5.00
Mathematics Methods 1	2020-2021	65.00	5.00
Physical and Surface Processes	2020-2021	78.00	7.50
Professional Skills for Employability	2020-2021	Pass with Merit	0.00
Programming for Geoscientists	2020-2021	82.00	5.00
Stratigraphy and Geomaterials	2020-2021	56.00	7.50
Volcanism and Internal Processes	2020-2021	66.00	5.00
French Level 1	2021-2022	Pass with Merit	7.50
Geology in the Field	2021-2022	61.00	7.50
Igneous and Metamorphic Geology	2021-2022	68.00	7.50
Maps and Structures	2021-2022	58.00	5.00
Palaeontology and Optical Petrology	2021-2022	71.00	7.50
Pure and Applied Geophysics	2021-2022	75.00	7.50
Remote Sensing Earth and Planets	2021-2022	78.00	5.00
Rocks and Structures in the Field	2021-2022	67.00	10.00
Sediments and Stratigraphy	2021-2022	64.00	7.50
Solar System Science	2021-2022	72.00	5.00



Advanced Remote Sensing	2022-2023	66.00	5.00
Applied Geomorphology	2022-2023	65.00	5.00
Building Resilient Structures: The Science and Technology of Earthquake Engineering	2022-2023	64.70	5.00
Continental Tectonics	2022-2023	68.00	5.00
Earth Science and Engineering Independent Project	2022-2023	67.00	15.00
Geohazards	2022-2023	64.00	5.00
Integrated Advanced Field Geology	2022-2023	63.00	5.00
Minerals Processing	2022-2023	58.00	5.00
Mining Geology and Engineering	2022-2023	58.00	5.00
Ore Deposits	2022-2023	68.00	5.00

Programme Year Overall Mark

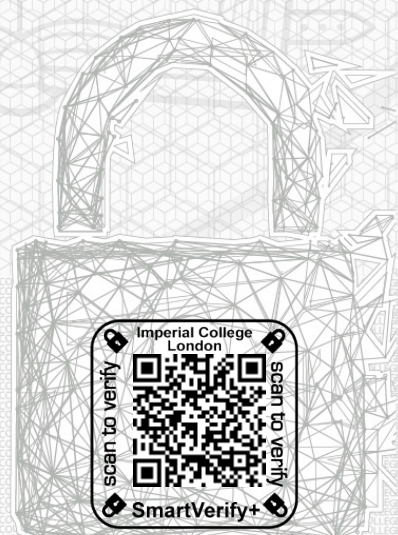
Year 1 67.96
Year 2 69.60
Year 3 64.60

Please note that any Programme Year Overall Mark reported to the Imperial College London Registry prior to the 2018/19 academic year will only be visible in the Programme of Study section of this transcript, where relevant

Prizes, Distinctions and Post-nominal Awards

Prizes and distinctions:

Imperial Award: Self-Awareness and Active Self-Management



Imperial College London

Academic Transcript (pre-award)

Authorisation

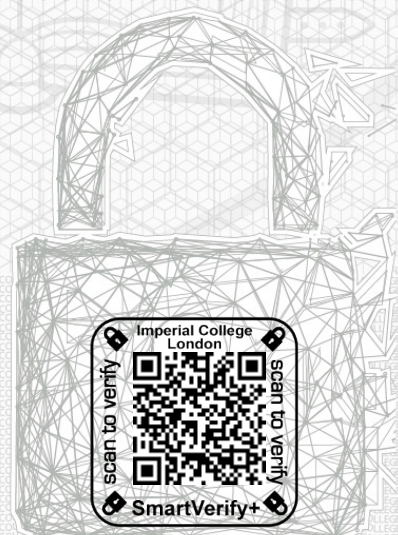
This pre-award transcript was issued by Imperial College London using Advanced Secure technology; you can verify key information about the student using the barcode below. If you would like to view this transcript using the College's online verification portal, please ask the student to provide you with access to their documents as a third-party connection.



David Ashton
Academic Registrar

Issued on 21 February 2024
Document ID: 52056939-01-WFTF

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Brief summaries/abstracts of past research projects

1. Master's degree thesis: September 2023 – January 2024

Title of master's degree thesis project: *Investigating and quantifying the geomorphic response to young, active normal faulting – a study in the Gulf of Corinth, Greece.*

Understanding how fluvial landscapes evolve in response to active tectonics is an important challenge within the field of landscape dynamics. Tectono-geomorphology has long been used to address this and similar questions using active normal faults that crosscut river systems around the world. Most past studies have focussed on the way in which channels adjust their hydraulic geometry and incisional capacity to keep pace with active faults that have evolutionary histories of > 0.5 million years. Very few studies have looked at fluvial responses to younger active normal faults demonstrating a subtle geomorphic expression. To evaluate the early-stage response and adjustment of a river system to an active fault with a growth and slip history of a few hundred thousand years, my master's thesis focusses on the Aigion Fault System – a young active normal fault system on the southern coast of the Gulf of Corinth, central Greece, with an age of ca. 200 Ka. Segments of this fault cross the Phoenix River catchment in the western end of the gulf. The study uses a combination of geomorphic field measurements, GIS DEM analysis, river long profiles and subsequent data analysis to understand how the Phoenix River is responding to keep pace with the active faulting on the Aigion. The results obtained in my study show that there are two strands of the fault crossing the Phoenix River. The river does not obey the law of hydraulic scaling and its primary response comprises of channel narrowing within the fault zone. Sediment aggradation has been recorded just upstream of the fault zone, due to the uplift and back-tilting. Uplift-induced formation of newer, lower terraces, as well as preservation of older, higher terraces, coupled with the uplift rate of 2.45 mm/yr. have been used to assign an age to the uplift-response process as 4-6Ka. Similarly, the shields stress for the Phoenix was calculated to be 0.8 – 13 times higher than the critical shields stress (0.06), and a threefold increase in stream power upstream of the fault zone has shown that the river is not transport-limited and has an incisional response to balance the uplift caused by the fault. Notably, the primary response of the river was not found to be controlled by lithology and the absence of major knickpoints has shown the early-stage response of the river is associated with the channel geometry and erosional capacity (stream power) and does not comprise of channel steepening.

2. Undergraduate Research Opportunity (UROP) Project (Summertime research): July – September 2023

Title: Designing numerical and 3-D models as potential storage sites for Carbon Capture Storage (CCS), based on sedimentary log data of the Hosta Sandstone, New Mexico.

Using the Rapid Reservoir Modelling (RRM) Software to sketch 3-D models from 2-D cross sections of the Hosta Sandstone, New Mexico. Understanding differences between the porosity and permeability of the different lithologies to identify suitable host rocks for Carbon storage. The creation and analysis of multiple styles and types of models was done, and the usage of the software for such applications was tested.

3. Independent Field Mapping and Synthesis Project (bachelor's thesis equivalent): June – December 2022

Title: *Studying the Deformation Styles within the QuartzitePhyllite, Tripolitza and Vatos Nappes in Southern Crete, Greece, with reference to their stacking processes*

Crete is located on the overriding Aegean plate of the Active Hellenic Subduction Zone (AHSZ). With continued underplating and uplift occurring at the island, the complete nappe stack outcrops throughout the island and is an excellent subject of study. The Mapping Area in Preveli hosts well-preserved units from three nappes. Regional scale deformational features are observed in the rock units. For this project, first, the lithologies of the rock units were studied qualitatively to identify the three major units- the lower Quartzite-Phyllite Nappe, the upper Tripolitza and Vatos Nappes. Second, the orientations of Fold Axial Planes (FAPs), fault planes, slickenside lineations, S-C bands, cleavage planes and boudinages were manually obtained and quantitatively analysed to understand the conditions that produced the structural patterns observed in the area. These measurements were grouped by lithology and orientation to better establish a structural history. For the rock units observed, four stages of evolution have thus been established: (1) E-W compression stage that only affected the upper nappes, producing E-W dipping isoclinal folds. (2) N-S compression stage that affected the lower nappes, producing N-S dipping isoclinal folds, and stacking the lower nappes below the upper nappes. The presence of phyllites and schists in this nappe implies synmetamorphic stacking, in HP-LT conditions. (3) N-S extension in the AHSZ forming extensional faults and basins, both trending E-W. (4) NESW compression produced by the ongoing subduction at the AHSZ, refolding any earlier isoclinal folds in steeply NE-SW dipping open folds. This also caused uplift of the nappe pile to its current position and uplift is still ongoing.

टिप्पणी / OBSERVATION

विशेष सेवा / MISCELLANEOUS SERVICE

पिता / कायदा अतिथिवाक का नाम / Name of Father / Legal Guardian

CHANDRESH PURUSHOTTAM

माता का नाम / Name of Mother

PREETI CHANDRESH

पति या पत्नी का नाम / Name of Spouse

पता / Address

NO 7 12TH MAIN 100FEET ROAD

J P NAGAR 5TH PHASE, BENGALURU

PIN: 560078, KARNATAKA, INDIA

पुराने पासपोर्ट का नं. और इसके जारी होने की तिथि एवं स्थान / Old Passport No. with Date and Place of Issue
L9704042 20/06/2014 BANGALORE

फाइल नं. / File No.

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Student Details

Family name: Chandresh
 Given name(s): Reha
 Date of birth: 21 June 2002
 Level: Undergraduate
 Imperial student ID: 01879229
 HESA student ID:
 Start date: 03 October 2020
 Completion date: 28 June 2024

Award

Award: Master in Science (MSci)
 Awarding institution(s): Imperial College London
 Classification: Upper Second Class Honours
 Overall mark: 65.50
 Conferral date: 01 August 2024

Programme of Study

Programme title: Geology
 Department: Department of Earth Science and Engineering

Module	Year	Mark	Credit
Deforming the Earth	2020-2021	76.00	5.00
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High Temperature Geochemistry	2020-2021	73.00	5.00
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Mathematics Methods 1	2020-2021	65.00	5.00
Physical and Surface Processes	2020-2021	78.00	7.50
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Minerals Processing	2022-2023	58.00	5.00
Mining Geology and Engineering	2022-2023	58.00	5.00
Ore Deposits	2022-2023	68.00	5.00
Data Science and Machine Learning for Geoscientists	2023-2024	30.00	5.00
Field Geology of an Active Mountain Belt	2023-2024	73.00	5.00
Geological Reactive Transport	2023-2024	46.00	5.00
MSci Earth Science and Engineering Independent Project	2023-2024	73.00	30.00
Magmatic Processes and Products	2023-2024	59.00	5.00
Planetary Surfaces	2023-2024	65.00	5.00
Tectonics of the Oceans	2023-2024	53.00	5.00

Programme Year Overall Mark

Year 1	67.96
Year 2	69.60
Year 3	64.60
Year 4	63.70

Please note that any Programme Year Overall Mark reported to the Imperial College London Registry prior to the 2018/19 academic year will only be visible in the Programme of Study section of this transcript, where relevant

Prizes, Distinctions and Post-nominal Awards

Post-nominal awards: Associateship of the Royal School of Mines

Prizes and distinctions:

- Imperial Award: Effective Teamwork
- Imperial Award: Going Above and Beyond Academic Expectations
- Imperial Award: Independent, Open-Minded Thought
- Imperial Award: Self-Awareness and Active Self-Management



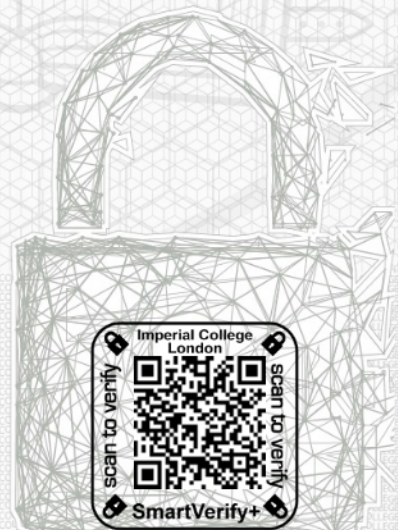
Authorisation



David Ashton
Academic Registrar

Issued on 10 July 2024
Document ID: 52056939-01-WFTF

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<p align="center">AGREEMENT OF SCIENTIFIC COOPERATION BETWEEN DEPARTMENT OF EARTH SCIENCES OF THE UNIVERSITY OF FLORENCE AND DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING OF THE UPC - BARCELONATECH (SPAIN) IN THE FRAMEWORK OF HOSTING A PHD STUDENT</p>	<p align="center">ACCORDO DI COOPERAZIONE SCIENTIFICA TRA IL DIPARTIMENTO DI SCIENZE DELLA TERRA DELL'UNIVERSITA' DI FIRENZE E IL DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING OF THE UPC - BARCELONATECH (SPAIN) NELL'AMBITO DELL'ACCOGLIMENTO DI UNO STUDENTE DI DOTTORATO</p>
<p>General provision</p> <p>Given that Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain), is a public institution of research and study in the scientific and technological fields related to geology, geotechnics, geomechanics and geological engineering,</p> <p>with its head office at Jordi Girona 1-3 08034, Barcelona (Spain), represented by Dr. Xavier Sánchez Vila, Director, duly empowered for the purpose hereof, Hereinafter referred to as “UPC”,</p> <p align="center">AND</p> <p>Given that the Department of Earth Sciences of the University of Florence, is a public institution of research and study in the fields of natural risk mapping and environmental monitoring</p> <p>with its head office in Via La Pira, 4 - 50121, Florence (Italy), represent by Prof. Luca Bindi, Director, duly empowered for the purpose hereof, Hereinafter referred to as “DST”,</p> <p>UPC and DST are hereinafter individually referred to as the “Party” and jointly as the “Parties”.</p> <p>Whereas</p>	<p>Disposizioni generali</p> <p>Dato che il Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) - BarcelonaTECH (Spain), è un'istituzione pubblica di ricerca e studio nei settori scientifici e tecnologici legati alla geologia, alla geotecnica, alla geomeccanica e all'ingegneria geologica,</p> <p>con sede in via Jordi Girona 1-3 08034, Barcellona (Spagna), rappresentata dal Dott. Xavier Sánchez Vila, Direttore, all'uopo delegato,</p> <p>Di seguito denominato "UPC",</p> <p align="center">E</p> <p>Dato che il Dipartimento di Scienze della Terra dell'Università degli Studi di Firenze, è un'istituzione pubblica di ricerca e studio nell'ambito del rischio naturale, la mappatura e il monitoraggio ambientale</p> <p>con sede in Via La Pira, 4 - 50121, Firenze (Italia), rappresentata dal Prof. Luca Bindi, Direttore, all'uopo delegato,</p> <p>Di seguito denominato “DST”,</p> <p>UPC e DST sono di seguito denominate singolarmente la “Parte” e congiuntamente le “Parti”.</p> <p>Mentre</p>



<p>The Parties have each proven and complementary skills and know-how in the fields of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides:</p> <ul style="list-style-type: none"> - For UPC: FSLAM - Fast Shallow Landslide Assessment Model - is a Python QGIS plugin that assesses areas where shallow landslides are more prone to occur within a region, generating detailed raster maps in a short computational time; - For the DST: HIRESSS - High Resolution Slope Stability Simulator - is a physically based distributed calculation model capable of providing real-time slope stability analyses over extensive areas. <p>With the objective to allow students from DST to participate in the research work carried out by UPC (and in the other way around) with the support of its scientific experts, and thus to improve their knowledge and complete their training (hereinafter referred to as “the Action”) as described in Attachment 1, UPC accepts to host in its premises students from DST.</p> <p>Within the framework of the Action, UPC will welcome the PhD Dr. Nicolò Brilli (hereinafter referred to as “the Phd Student”) in its scientific and technical centre at Barcelona with start date on 15st of September, 2024.</p> <p>The following has been agreed upon:</p>	<p>Le parti dispongono di competenze e know-how comprovati e complementari nei settori della mappatura e del monitoraggio dei rischi naturali, con particolare attenzione alla valutazione delle condizioni d’innesco e all’analisi del run-out delle frane superficiali pluvio-indotte:</p> <ul style="list-style-type: none"> - Per UPC: FSLAM - Fast Shallow Landslide Assessment Model - è un plugin Python per QGIS che valuta le aree in cui le frane poco profonde sono più inclini a verificarsi all’interno di una regione, generando mappe raster dettagliate in un breve tempo di calcolo; - Per il DST: HIRESSS - High Resolution Slope Stability Simulator - è un modello di calcolo distribuito fisicamente basato in grado di fornire analisi di stabilità dei pendii in tempo reale su aree estese. <p>Con l’obiettivo di consentire agli studenti del DST di partecipare al lavoro di ricerca svolto dall’UPC (e viceversa) con il supporto dei suoi esperti scientifici, e quindi di migliorare le loro conoscenze e completare la loro formazione (di seguito denominata “l’Azione”) come descritto nell’Allegato 1, UPC accetta di ospitare nei propri locali studenti provenienti da DST.</p> <p>Nell’ambito dell’Azione, UPC accoglierà il dottorando Dr. Nicolò Brilli (di seguito “il dottorando”) nel suo centro scientifico e tecnico a Barcellona, con data di inizio il 15 settembre 2024.</p> <p>È stato concordato quanto segue:</p>
<p>Article 1: Purpose of the Agreement</p> <p>The purposes of the Agreement are:</p> <ul style="list-style-type: none"> - to subscribe an agreement of joint research for the PhD student Dr. Nicolò Brilli; - to establish and develop a scientific cooperation between Italian and foreign research groups with international mobility of PhD students. - to establish the terms and conditions for their collaboration, as well as the respective rights and duty deriving from them. 	<p>Articolo 1: Scopo dell’Accordo</p> <p>Gli scopi dell’Accordo sono:</p> <ul style="list-style-type: none"> - stipulare una convenzione di ricerca congiunta a favore del dottorando Dr. Nicolò Brilli; - instaurare e sviluppare la cooperazione scientifica tra gruppi di ricerca italiani e stranieri attraverso la mobilità dei dottorandi. - stabilire i termini e le condizioni per la loro collaborazione, nonché i rispettivi diritti e obblighi che ne derivano.



<p>Article 2: Implementation of the Action</p> <p>2.1 Coordinator With the Parties' joint agreement, il Prof. Sandro Moretti is hereby designated as coordinator of the PhD course at the DST (hereinafter referred to as "the Coordinator").</p> <p>2.1.2. Scientific tutors The scientific Tutors (hereinafter referred to as "Scientific Tutors") responsible for the implementation of the research activities are the following:</p> <p>For UPC: Prof. Marcel Hürlimann Associate Professor of Engineering Geology BarcelonaTECH UPC, Jordi Girona 1-3 (D2), 08034 Barcelona (Spain) e-mail: marcel.hurlimann@upc.edu Tel.: +34 93 401 73 77</p> <p>For DST: Prof. Veronica Tofani Associate Professor of Engineering Geology Via Giorgio La Pira, 4 - 50121, Florence (Italy) e-mail: veronica.tofani@unifi.it Mobile: +39 366 6588542</p> <p>2.2 Implementation of the research activities</p> <p>2.2.1 To implement the research activities, UPC will host the PhD Student in its premises IN Barcelona for about six (n. 6) months. If not possible, an alternative work-from-home solution will be considered to cover partially or completely this time span.</p> <p>UPC commits to:</p> <ul style="list-style-type: none">- provide a workstation for the PhD student;- provide the PhD student with an internet access;- involve the PhD student in the UPC activities relevant to his professional curriculum and supervise his work.	<p>Articolo 2: Attuazione dell'azione</p> <p>2.1 Coordinatore Di comune accordo tra le Parti, il Prof. Sandro Moretti è designato quale coordinatore del corso di dottorato presso il DST (di seguito "il Coordinatore").</p> <p>2.1.2. Tutor scientifici I tutor scientifici (di seguito denominati "Tutor scientifici") responsabili dell'attuazione delle attività di ricerca sono i seguenti:</p> <p>Per UPC: Prof. Marcel Hürlimann Associate Professor of Engineering Geology BarcelonaTECH UPC, Jordi Girona 1-3 (D2), 08034 Barcelona (Spain) e-mail: marcel.hurlimann@upc.edu Tel.: +34 93 401 73 77</p> <p>Per DST: Prof.ssa Veronica Tofani Associate Professor of Engineering Geology Via Giorgio La Pira, 4 - 50121, Firenze (Italia) e-mail: veronica.tofani@unifi.it Cellulare: +39 366 6588542</p> <p>2.2 Attuazione delle attività di ricerca</p> <p>2.2.1 Per implementare l'Azione, UPC ospiterà il dottorando nei suoi locali a Barcellona per circa sei (n. 6) mesi. Se non sarà possibile verrà presa in considerazione una soluzione alternativa di lavoro da casa per coprire parzialmente o completamente questo lasso di tempo.</p> <p>UPC si impegna a:</p> <ul style="list-style-type: none">- fornire una postazione al dottorando;- fornire al dottorando un accesso a Internet;- coinvolgere il dottorando nelle attività del UPC attinenti al suo curriculum professionale e sovrintendere al suo lavoro.
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<p>2.2.2. UNIFI commits to: - make the PhD student aware and abide the rules and regulations of UPC, including confidentiality as per article 7 of the Agreement.</p> <p>2.3. Minutes of meetings and reports Regular meetings will be organized by the Scientific Representatives to discuss the progress of the research activities and the conclusions of these meetings will be summarized in a document written by the student. A final report presenting the results obtained as part of the research activities shall be prepared by the student.</p>	<p>2.2.2. UNIFI si impegna a: - sensibilizzare il dottorando a rispettare le norme e i regolamenti di UPC, ivi inclusa la riservatezza di cui all'articolo 7 del Contratto.</p> <p>2.3. Verbali di riunioni e relazioni Saranno organizzati incontri regolari dai Rappresentanti Scientifici per discutere i progressi delle attività scientifiche e le conclusioni di questi incontri saranno riassunte in un documento scritto dallo studente. Lo studente redigerà un rapporto finale che presenti i risultati ottenuti nell'ambito delle attività di ricerca.</p>
<p>Article 3: Financial terms and conditions</p> <p>The travel and stay costs of the PhD student are covered by scholarship and by 10% for mobility of which the PhD student is the holder, and no financial contribution shall be requested to UPC for the implementation of the research activities.</p>	<p>Articolo 3: Termini e condizioni finanziarie</p> <p>Le spese di viaggio, vitto e alloggio che il dottorando sosterrà per lo svolgimento del soggiorno presso UPC sono coperte da borsa di studio e dal 10% per la mobilità di cui il dottorando è titolare e nessun contributo finanziario sarà richiesto all' UPC per lo svolgimento delle attività di ricerca.</p>
<p>Article 4: Intellectual property</p> <p>4.1 Ownership of results Any results, including information, whether or not they can be protected, arising out of the research provided through this agreement shall be owned by the Party who carried out the work generating the Results, or on whose behalf such work was carried out. Results generated by the PhD student during the secondment period shall belong to UNIFI.</p> <p>4.2 Joint Ownership Where employees of UPC and employees of UNIFI have jointly generated results, and where their respective contribution to the joint results cannot be ascertained, or where it is not possible to separate such joint results for the purpose of applying for, obtaining or maintaining the relevant intellectual property rights protection, they shall have joint ownership of those results, in proportion to their respective contributions to the Action, of whatever nature or kind, unless said Parties were to</p>	<p>Articolo 4: Proprietà intellettuale</p> <p>4.1 Proprietà dei risultati Tutti i risultati, comprese le informazioni, proteggibili o meno, derivanti dalla ricerca eseguita attraverso il presente accordo saranno di proprietà della Parte che ha svolto il lavoro che ha generato i Risultati, o per conto della quale tale lavoro è stato svolto. I risultati generati dal dottorando durante il Periodo di distacco apparterranno all'UNIFI.</p> <p>4.2 Proprietà congiunta Laddove dipendenti di UPC e dipendenti di UNIFI abbiano generato risultati congiuntamente e non sia possibile accertare il loro rispettivo contributo ai risultati congiunti, o qualora non sia possibile separare tali risultati congiunti allo scopo di richiedere, ottenere o mantenere il relativo tutela dei diritti patrimoniali, essi avranno la comproprietà di tali risultati, in proporzione ai rispettivi contributi all'Azione, di qualsiasi natura o tipo, salvo che dette Parti non dovessero contrattualmente convenire</p>



<p>contractually agree to the related property rights being transferred to one of them.</p> <p>The joint owners shall establish an agreement regarding the allocation and terms of exercise of that joint ownership.</p> <p>Unless otherwise agreed:</p> <ul style="list-style-type: none"> - each of the joint owners shall be entitled to use their jointly owned Results for non-commercial research activities on a royalty-free basis, and without requiring the prior consent of the other joint owner, and - each of the joint owners shall be entitled to otherwise Exploit the jointly owned Results and to grant non-exclusive licenses to third parties (without any right to sub-license), if the other joint owner is given: <ul style="list-style-type: none"> (a) at least 45 calendar days advance notice; and (b) Fair and Reasonable compensation. 	<p>che i relativi diritti patrimoniali siano trasferiti ad una di esse.</p> <p>I comproprietari dovranno stabilire con un accordo l'assegnazione e le condizioni di esercizio di tale comproprietà.</p> <p>Salvo diverso accordo:</p> <ul style="list-style-type: none"> - ciascuno dei comproprietari avrà il diritto di utilizzare i propri Risultati congiunti per attività di ricerca non commerciale a titolo gratuito e senza richiedere il previo consenso dell'altro comproprietario, e - ciascuno dei comproprietari avrà facoltà di Sfruttare in altro modo i Risultati congiunti e di concedere licenze non esclusive a terzi (senza alcun diritto di sub-licenza), qualora all'altro comproprietario sia concesso: <ul style="list-style-type: none"> a) preavviso di almeno 45 giorni di calendario; e (b) una compensazione equa e ragionevole.
<p>Article 5: Access rights to background and to results</p> <p>5.1 Background</p> <p>5.1.1 Each Party shall dispose freely of its Background of which it remains the sole owner.</p> <p>5.1 General Principles</p> <p>Any Access Rights granted expressly exclude any rights to sublicense unless expressly stated otherwise.</p> <p>Access Rights shall be free of any administrative transfer costs.</p> <p>Access Rights are granted on a non-exclusive basis.</p> <p>Results and Background shall be used only for the purposes for which Access Rights to it have been granted.</p> <p>The requesting Party must show that the Access Rights are Needed.</p> <p>5.2 Access Rights for implementation</p> <p>Access Rights to Results and Background Needed in order to carry out the Action shall be granted from each Party to the other Party on royalty-free basis, unless otherwise agreed for Background.</p>	<p>Articolo 5: Diritti di accesso alle conoscenze preesistenti e ai risultati</p> <p>5.1 Conoscenze preesistenti</p> <p>5.1.1 Ciascuna Parte dispone liberamente delle proprie Conoscenze preesistenti di cui rimane l'unica proprietaria.</p> <p>5.1 Principi generali</p> <p>Ogni concessione di diritto di accesso esclude espressamente qualsiasi diritto di sublicense, se non diversamente stabilito.</p> <p>I diritti di accesso sono esenti da qualsiasi costo amministrativo di trasferimento.</p> <p>I diritti di accesso sono concessi su base non esclusiva.</p> <p>I risultati e le conoscenze preesistenti devono essere utilizzati solo per gli scopi per i quali sono stati concessi i diritti di accesso.</p> <p>La Parte richiedente deve dimostrare che i Diritti di Accesso sono Necessari.</p> <p>5.2 Diritti di accesso per implementazione</p> <p>I diritti di accesso ai risultati e alle conoscenze preesistenti necessari per eseguire l'azione sono concessi da ciascuna parte all'altra parte a titolo gratuito, salvo diverso accordo per il background.</p>



<p>5.3 Access Rights for Exploitation Access Rights to Results if Needed for Exploitation of a Party's own Results shall be granted on Fair and Reasonable conditions. Access rights to Results for internal research activities shall be granted on a royalty-free basis. Access Rights to Background if Needed for Exploitation of a Party's own Results, including for research on behalf of a third party, shall be granted on Fair and Reasonable conditions.</p>	<p>5.3 Diritti di accesso per uso e sfruttamento I diritti di accesso ai risultati, se necessari per uso e sfruttamento dei risultati di una delle parti, saranno concessi a condizioni eque e ragionevoli. I diritti di accesso ai Risultati per le attività di ricerca interna sono concessi a titolo gratuito. I diritti di accesso al background se necessari per l'uso o sfruttamento dei risultati di una parte, anche per la ricerca per conto di terzi, saranno concessi a condizioni eque e ragionevoli.</p>
<p>Article 6: - Publications</p> <p>6.1 General principles For the avoidance of doubt, nothing in this Article has impact on the confidentiality obligations set out in Article 7.</p> <p>6.2 Publication of Results Prior notice of any planned publication shall be given to the other Party at least 45 calendar days before the publication.</p> <p>6.3 Objections Any objection to the planned publication shall be made in writing to the to the Party proposing the dissemination within 30 calendar days after receipt of the notice. If no objection is made within the time limit stated above, the publication is permitted. An objection is justified if: (a) the protection of the objecting Party's Results or Background would be adversely affected (b) the objecting Party's legitimate interests in relation to the Results or Background would be significantly harmed. The objection has to include a precise request for necessary modifications. If an objection has been raised the Parties shall discuss how to overcome the justified grounds for the objection on a timely basis (for example by amendment to the planned publication and/or by protecting information before publication) and the objecting Party shall not unreasonably continue the</p>	<p>Articolo 6: - Pubblicazioni</p> <p>6.1 Principi generali A scanso di equivoci, nulla in questo articolo ha un impatto sugli obblighi di riservatezza di cui all'articolo 7.</p> <p>6.2 Pubblicazione dei risultati Almeno 45 giorni di calendario prima della pubblicazione, deve essere data all'altra Parte notifica preventiva di qualsiasi pubblicazione prevista.</p> <p>6.3 Obiezioni Qualsiasi opposizione alla pubblicazione prevista deve essere fatta per iscritto alla Parte proponente la diffusione entro 30 giorni di calendario dal ricevimento della comunicazione. Se non viene fatta opposizione entro il termine sopra indicato, la pubblicazione è consentita. L'obiezione è giustificata se: (a) la protezione dei risultati o del contesto della parte che obietta sarebbe pregiudicata (b) gli interessi legittimi della Parte obiettante in relazione ai Risultati o al Contesto sarebbero significativamente danneggiati. L'obiezione deve contenere una precisa richiesta delle necessarie modifiche. Se è stata sollevata un'obiezione, le parti discutono su come superare tempestivamente i motivi giustificanti l'obiezione (ad esempio modificando la pubblicazione prevista e/o proteggendo le informazioni prima della pubblicazione) e la parte che fa obiezione non può irragionevolmente</p>



<p>opposition if appropriate measures are taken following the discussion.</p> <p>6.4 Dissemination of another Party's unpublished Results or Background A Party shall not include in any dissemination activity another Party's Results or Background without obtaining the owning Party's prior written approval, unless they are already published.</p> <p>6.5 Cooperation obligations The Parties undertake to cooperate to allow the timely submission, examination, publication and defence of any dissertation or thesis for a degree that includes their Results or Background subject to the confidentiality and publication provisions agreed in this Agreement.</p> <p>6.6 Use of names, logos or trademarks Nothing in this Agreement shall be construed as conferring rights to use in advertising, publicity or otherwise the name of the Parties or any of their logos or trademarks without their prior written approval.</p>	<p>mantenere ferma l'opposizione, se a seguito della discussione vengono presi opportuni provvedimenti.</p> <p>6.4 Divulgazione di Risultati o Background non pubblicati di un'altra Parte Una Parte non deve includere in alcuna attività di diffusione i Risultati o il Background di un'altra Parte senza ottenere la previa approvazione scritta della Parte proprietaria, a meno che non siano già stati pubblicati.</p> <p>6.5 Obblighi di cooperazione Le Parti si impegnano a collaborare per consentire la tempestiva presentazione, esame, pubblicazione e difesa di qualsiasi dissertazione o tesi di laurea che includa i propri Risultati o Background, fatte salve le disposizioni di riservatezza e pubblicazione concordate nel presente Accordo.</p> <p>6.6 Uso di nomi, loghi o marchi Nulla nel presente Contratto può essere interpretato come conferimento di diritti di utilizzo, fare pubblicità o altro del nome delle Parti o di uno qualsiasi dei loro loghi o marchi senza la rispettiva previa approvazione scritta.</p>
<p>Article 7: Confidentiality</p> <p>7.1 Confidentiality</p> <p>7.1.1 Each Party shall only provide the other Party with the Confidential Information that it deems to be required for implementation of the research, subject to third party rights.</p> <p>7.1.2 No provision of the Agreement may be construed as obliging any Party to disclose Confidential Information to the other Party, with the exception of the information required for implementing the Action.</p> <p>7.1.3 The Party which receives Confidential Information from the other Party undertakes to ensure that the Confidential Information originating from the Party disclosing it:</p>	<p>Articolo 7: Riservatezza</p> <p>7.1 Riservatezza</p> <p>7.1.1 Ciascuna Parte fornirà all'altra Parte solo le Informazioni riservate che ritiene necessarie per l'attuazione della ricerca, fatti salvi i diritti di terzi.</p> <p>7.1.2 Nessuna disposizione del Contratto può essere interpretata come obbligante una Parte a divulgare Informazioni Riservate all'altra Parte, ad eccezione delle informazioni richieste per l'attuazione dell'Azione.</p> <p>7.1.3 La Parte che riceve le Informazioni Riservate dall'altra Parte si impegna ad assicurare che le Informazioni Riservate provenienti dalla Parte che le divulga:</p>



<p>- is kept strictly confidential and is protected in the same manner as its own Confidential Information;</p> <p>- is only provided to the members of its staff which have to be familiar therewith and is only used for the purposes set forth in the Agreement;</p> <p>- Is copied, reproduced, or duplicated totally or partially only for the purposes of achieving the research.</p> <p>Any and all other disclosure or use of the Confidential Information shall require the prior, written agreement of the Party disclosing it.</p> <p>7.1.4 All the Confidential Information and its reproductions, sent by one Party to the other pursuant to the Agreement shall remain the property of the Party disclosing it, subject to third party rights, and shall be immediately returned to this Party at its request.</p> <p>7.1.5 The Party receiving the Confidential Information may disclose Confidential Information for which it is able to provide proof:</p> <ul style="list-style-type: none">- that it was in the public domain prior to its disclosure or subsequent to it, and without any negligence being attributable to it;- that it was already in its possession prior the execution of the Agreement;- that it was received lawfully from a third party;- that use or disclosure was authorised in writing by the Party from which it originated;- that it was developed independently and in good faith by the staff of the Party receiving it without such staff having access to said Confidential Information.- that it was disclosed in order to comply with a mandatory law or regulation or with a competent court, administrative authority or court of arbitration order, provided the Party having to disclose such Confidential Information had previously informed the Owner Party and both Parties had agreed upon the legal means to limit as far as possible such disclosure of Confidential Information. <p>7.1.6 No provision of this Agreement implies:</p>	<p>- siano mantenute strettamente riservate e protette alla stregua delle proprie Informazioni Riservate;</p> <p>- siano fornite solo ai membri del suo personale che devono conoscerle e siano utilizzate solo per gli scopi previsti nel Contratto;</p> <p>- siano copiate, riprodotte o duplicate in tutto o in parte solo allo scopo di realizzare la ricerca.</p> <p>Qualsiasi altra divulgazione o utilizzo delle Informazioni riservate richiede il previo consenso scritto della Parte che le divulga.</p> <p>7.1.4 Tutte le Informazioni Riservate e le loro riproduzioni, inviate da una Parte all'altra ai sensi del Contratto, rimarranno di proprietà della Parte che le divulga, fatti salvi i diritti di terzi, e saranno immediatamente restituite a questa Parte su sua richiesta.</p> <p>7.1.5 La Parte che riceve le Informazioni riservate può divulgare Informazioni riservate per le quali è in grado di fornire prova:</p> <ul style="list-style-type: none">- che era di pubblico dominio prima o dopo la sua divulgazione, e senza che vi fosse imputabile alcuna negligenza;- che era già in suo possesso prima dell'esecuzione del Contratto;- che è stato ricevuto legittimamente da un terzo;- che l'uso o la divulgazione sia stato autorizzato per iscritto dalla Parte da cui ha avuto origine;- che è stato sviluppato in modo indipendente e in buona fede dal personale della Parte che lo riceve senza che tale personale abbia accesso a dette Informazioni Riservate.- che sono state divulgate per ottemperare a una legge o regolamento imperativo o con un tribunale, un'autorità amministrativa o un tribunale arbitrale competente, a condizione che la Parte che deve divulgare tali Informazioni Riservate abbia preventivamente informato la Parte Proprietaria ed entrambe le Parti abbiano concordato i mezzi legali per limitare per quanto possibile tale divulgazione di Informazioni Riservate. <p>7.1.6 Nessuna disposizione del presente Contratto implica:</p>
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<p>- a waiver of the Confidential Information protection by a patent or by any and all other intellectual property right for the Party disclosing it;</p> <p>- a transfer nor a concession of any right over this information by the Party disclosing it in favor of the other Party.</p>	<p>- una rinuncia alla tutela delle Informazioni Riservate da un brevetto o da ogni altro diritto di proprietà intellettuale della Parte che le divulga;</p> <p>- un trasferimento né una concessione di alcun diritto su tali informazioni da parte della Parte che le divulga a favore dell'altra Parte.</p>
<p>Article 8: Insurance Procedure</p> <p>8.1 The participants to the research, while exercising the activities provided for in the research, must have both accident insurance and third party liability insurance for unintentional damage, hereby releasing the host institution from any liability to this regard.</p> <p>Such insurance coverage may be either provided by the home institutions, according to its own regulations, or contained in a policy covering the above-mentioned risks obtained by the interested PhD student from an insurance company.</p> <p>For what concerns health insurance (coverage for medical expenses and/or hospitalization) the PhD student must provide his own insurance according to the rules of the host country.</p> <p>8.1.1 Each Party undertakes to carry out its share of the Action in accordance with the obligation of due care binding upon it.</p> <p>8.1.2 The Parties mutually waive entitlement to claim compensation from one another for consequential and immaterial loss that may occur pursuant to the Agreement.</p> <p>8.2 Parties' staff</p> <p>Each Party shall be responsible for the cover of its staff in accordance with the applicable legislation in respect of social security, industrial accident and occupational disease schemes to which it is affiliated and shall carry out the formalities for which it is responsible.</p> <p>During the course of the Action the Student shall be requested to work in in the premises at UPC.</p> <p>During his stay at the UPC premises, he will be subject to the local rules of procedure and shall</p>	<p>Articolo 8: Responsabilità - Assicurazione</p> <p>8.1 I partecipanti alla ricerca dovranno essere assicurati, nell'esercizio delle attività previste dal presente accordo, per i rischi derivanti da infortuni e responsabilità civile per danni a terzi, sollevando l'Ente ospitante da eventuali responsabilità.</p> <p>Le coperture assicurative potranno essere realizzate sia presso l'Università di appartenenza, secondo il proprio regolamento, sia tramite polizza assicurativa stipulata direttamente dal dottorando per la copertura dei rischi suddetti.</p> <p>Per la copertura assicurativa relativa alle spese sanitarie e/o di ospedalizzazione, il dottorando dovrà provvedere per proprio conto secondo le regole del Paese ospitante.</p> <p>8.1.1 Ciascuna Parte si impegna a svolgere la propria parte dell'Azione in conformità con l'obbligo di diligenza vincolante per essa.</p> <p>8.1.2 Le Parti rinunciano reciprocamente al diritto di richiedere l'indennizzo reciproco per perdite consequentiali e immateriali che potrebbero verificarsi ai sensi del Contratto.</p> <p>8.2 Personale delle parti</p> <p>Ciascuna Parte è responsabile della copertura del proprio personale in conformità della legislazione applicabile in materia di sicurezza sociale, infortuni sul lavoro e regimi di malattia professionale a cui è affiliata ed espleta le formalità di sua competenza.</p> <p>Nel corso dell'Azione lo Studente sarà invitato a lavorare nei locali dell'UPC.</p> <p>Durante la sua permanenza nei locali dell'UPC, sarà soggetto alle norme procedurali locali e dovrà rispettare le regole di igiene e sicurezza dell'UPC.</p>



<p>comply with the rules of hygiene and safety of UPC. UNIFI commits itself to have the PhD Student respect the instructions concerning the use of equipment and facilities, such as specific operating instructions, schedules, risks and protection.</p> <p>8.3 Damage/loss caused to Parties' property Each Party is responsible for the damage/loss it may cause to the other Party's moveable or immovable property, during the execution of the Agreement.</p> <p>8.4 Damage/loss caused to third parties Each Party shall bear all the financial consequences of the civil liability that it incurs under civil law arising from any and all bodily injury or physical damage caused to third parties during the works carried-out pursuant to the Agreement.</p> <p>8.5 Insurance The participants to the exchanges, while exercising the activities provided for in the agreement, must have both accident insurance and third-party liability insurance for unintentional damage, hereby releasing the host university from any liability to this regard.</p> <p>Such insurance coverage may be either provided by the home institutions, according to their own regulations, or contained in a policy covering the above-mentioned risks obtained by the interested person from an insurance company.</p> <p>For what concerns health insurance (coverage for medical expenses and/or hospitalization) the participants must provide their own insurance according to the rules of the host country. For specific needs related to insurance coverage for civil liability in the medical-health field, special supplementary agreements will be drawn up between the parties.</p>	<p>UNIFI si impegna a far rispettare allo Studente le istruzioni relative all'uso delle attrezzature e delle strutture, quali specifiche istruzioni operative, orari, rischi e protezioni.</p> <p>8.3 Danni/perdite causati alla proprietà delle Parti Ciascuna Parte è responsabile del danno/perdita che può causare ai beni mobili o immobili dell'altra Parte, durante l'esecuzione del Contratto.</p> <p>8.4 Danni/perdite causate a terzi Ciascuna Parte sopporterà tutte le conseguenze patrimoniali della responsabilità civile che incorre ai sensi del diritto civile derivante da ogni e qualsiasi lesione fisica o danno fisico cagionato a terzi nel corso dei lavori eseguiti ai sensi del Contratto.</p> <p>8.5 Assicurazione I partecipanti agli scambi, nell'esercizio delle attività previste dalla convenzione, devono essere in possesso sia di un'assicurazione contro gli infortuni che di un'assicurazione di responsabilità civile per danni involontari, con la presente esonera l'Università ospitante da ogni responsabilità al riguardo.</p> <p>Tale copertura assicurativa può essere fornita sia dagli enti di appartenenza, secondo i propri regolamenti, sia contenuta in una polizza a copertura dei suddetti rischi ottenuta dall'interessato presso una compagnia di assicurazioni.</p> <p>Per quanto riguarda l'assicurazione sanitaria (copertura per spese mediche e/o ricovero) i partecipanti devono fornire la propria assicurazione secondo le regole del paese ospitante. Per specifiche esigenze legate alla copertura assicurativa per la responsabilità civile in ambito medico-sanitario, verranno stipulati tra le parti apposite convenzioni integrative</p>
<p>Article 9: Processing of personal data</p> <p>9.1 The personal data relating to this agreement and to further communications, provided by the</p>	<p>Articolo 9: Trattamento dei dati personali</p> <p>9.1 I dati personali relativi al presente accordo sono raccolti e trattati per fini istituzionali delle parti in</p>



<p>parties, will be processed and treated for institutional purposes in accordance with the General Data Protection Regulation (GDPR) – EU Regulation 2016/679.</p> <p>9.2. The parties, as data subjects, may exercise their rights anytime according to the GDPR. For the University of Florence please see https://www.unifi.it/cmpro-v-p-11360.html For the University of Barcelona please see the link https://rat.upc.edu/ca</p>	<p>conformità agli artt. 13 e 14 del Regolamento UE 2016/679 - Regolamento Generale sulla protezione dei dati - General Data Protection Regulation (GDPR).</p> <p>9.2. Ai contraenti spettano i diritti previsti dallo stesso Regolamento. Per l'Università degli Studi di Firenze visionare il link https://www.unifi.it/cmpro-v-p-11360.html Per l'Università di Barcellona visionare il link https://rat.upc.edu/ca</p>
<p>Article 10 : Duration</p> <p>The Agreement is executed for the total duration of the Action (until March 15th, 2025) and shall take effect as of 15th September, 2024.</p> <p>The provisions of Articles 6, 7, 8 and 14 shall survive for their own term, notwithstanding the expiry or termination of the Agreement.</p>	<p>Articolo 10: Durata</p> <p>L'Accordo è stipulato per l'intera durata dell'Azione (fino al 15 marzo 2025) ed entrerà in vigore a partire dal 15 settembre 2024.</p> <p>Le disposizioni degli articoli 6, 7, 8 e 14 sopravvivono per la loro durata, nonostante la scadenza o la risoluzione dell'Accordo.</p>
<p>Article 11: Termination</p> <p>In the event that a Party were to breach any of its obligations hereunder, the other Party may terminate the Agreement vis-à-vis the defaulting Party if, within 15 days of a registered letter with acknowledgment of receipt having been sent, the defaulting Party has still failed to comply with its obligations.</p> <p>The defaulting Party undertakes to provide the other Party with all the information required to continue the implementation of the Action in its stead free-of-charge.</p> <p>The exercise of this right of termination shall not discharge the defaulting Party from fulfilling its contractual obligations up to the effective termination date, subject to any damage/loss that may be suffered by the other Party owing to the partial termination of the Agreement and from providing the appropriate licences to its Own, New</p>	<p>Articolo 11: Risoluzione</p> <p>Nel caso in cui una Parte dovesse violare uno qualsiasi dei suoi obblighi qui di seguito, l'altra Parte può risolvere il Contratto nei confronti della Parte inadempiente se, entro 15 giorni dall'invio di una lettera raccomandata con avviso di ricevimento, la Parte inadempiente non ha ancora adempiuto ai suoi obblighi.</p> <p>La Parte inadempiente si impegna a fornire gratuitamente all'altra Parte tutte le informazioni necessarie per proseguire l'attuazione dell'Azione in sua vece.</p> <p>L'esercizio di tale diritto di recesso non esonera la Parte inadempiente dall'adempimento delle proprie obbligazioni contrattuali fino alla data di cessazione effettiva, fermo restando l'eventuale danno/perdita che l'altra Parte dovesse subire a causa della risoluzione parziale del Contratto e dal fornire le licenze appropriate per le proprie, nuove</p>



<p>Knowledge, Joint New Knowledge as specified in article 5.</p>	<p>conoscenze, nuove conoscenze comuni come specificato nell'articolo 5.</p>
<p>Article 12: Force majeure</p> <p>12.1 “Force majeure” means any unforeseeable and exceptional event affecting the performance of the Agreement, which is outside the control of the Parties, and which cannot be avoided in spite of the efforts that the Parties may reasonably make.</p> <p>No Party shall be liable for total or partial failure to comply with its obligations if such is caused by an event of force majeure.</p> <p>12.2 The Party invoking an event of force majeure shall advise the other Party thereof within 7 (seven) days of the occurrence of said event.</p> <p>12.3 Where applicable, the lead-times for carrying-out the Action may be extended by joint agreement between the Parties.</p>	<p>Articolo 12: Forza maggiore</p> <p>12.1 Per “forza maggiore” si intende qualsiasi evento imprevedibile ed eccezionale che influisca sull'esecuzione del Contratto, che sia al di fuori del controllo delle Parti e che non possa essere evitato nonostante gli sforzi che le Parti possono ragionevolmente compiere.</p> <p>Nessuna Parte sarà responsabile per l'inadempimento totale o parziale dei propri obblighi se ciò è causato da un evento di forza maggiore.</p> <p>12.2 La Parte che invoca un evento di forza maggiore ne darà comunicazione all'altra Parte entro 7 (sette) giorni dal verificarsi di detto evento.</p> <p>12.3 Ove applicabile, i tempi di esecuzione dell'Azione possono essere prorogati di comune accordo tra le Parti.</p>
<p>Article 13: Intuitu personae</p> <p>The Agreement is executed intuitu personae. Consequently, no Party is authorised to transfer all or part of the rights and obligations hereunder to a third party without the prior and written agreement of the other Party.</p>	<p>Articolo 13: Intuitu personae</p> <p>Il Contratto è stipulato intuitu personae. Di conseguenza, nessuna Parte è autorizzata a trasferire tutti o parte dei diritti e degli obblighi di cui al presente a una terza parte senza il previo consenso scritto dell'altra Parte.</p>
<p>Article 14: Governing law – Disputes</p> <p>14.1 The Agreement is governed by Italian law.</p> <p>14.2 In the event of a disagreement as regards the validity, interpretation or performance of the Agreement, the Parties shall endeavour to resolve their dispute amicably through the Scientific Representatives, and subsequently through their respective management.</p>	<p>Articolo 14: Legge applicabile – Controversie</p> <p>14.1 Il Contratto è regolato dalla legge italiana.</p> <p>14.2 In caso di disaccordo in merito alla validità, interpretazione o esecuzione del Contratto, le Parti si adoperano per risolvere amichevolmente la controversia tramite i Rappresentanti Scientifici e, successivamente, tramite i rispettivi dirigenti.</p>



<p>14.3 Any dispute which the Parties have failed to settle by mutual agreement within a period of thirty (30) days from the start of the first amicable discussion shall be referred to the Italian Courts having jurisdiction.</p>	<p>14.3 Qualsiasi controversia che le Parti non abbiano risolto di comune accordo entro un termine di trenta (30) giorni dall'inizio della prima discussione amichevole sarà deferita ai tribunali italiani competenti.</p>
<p>Article 15: Language of the Agreement</p> <p>The Agreement has been drawn up in 1 (one) bilingual version (English/Italian).</p>	<p>Articolo 15: Lingua dell'accordo</p> <p>L'Accordo è stato redatto in 1 (una) versione bilingue (Inglese Italiano).</p>
<p>Attachments:</p> <p>The following document is attached to the Agreement and form an integral part hereof: - Attachment 1: Description of the Research</p> <p>In the event of a conflict or difference between the body of the Agreement and its Attachment, the body of the Agreement shall prevail.</p> <p>Printed and signed in one (1) pdf file.</p>	<p>Allegati:</p> <p>Il seguente documento è allegato al presente Accordo e ne costituiscono parte integrante: - Allegato 1: Descrizione della Ricerca</p> <p>In caso di conflitto o differenza tra il corpo dell'Accordo e il suo Allegato, prevarrà il corpo dell'Accordo.</p> <p>Stampato e firmato in un (1) file pdf.</p>
<p>For UPC</p> <p>.....</p> <p>Dr. Xavier Sánchez Vila Director of the Department of Civil and Environmental Engineering</p>	<p>For DST</p> <p>.....</p> <p>Prof. Luca Bindi Director of the Department of Earth Sciences</p>
<p>Scientific tutor, UPC</p> <p>.....</p> <p>Prof. Marcel Hürlimann</p>	<p>Scientific tutor, DST</p> <p>.....</p> <p>Prof. Veronica Tofani</p>
<p>PhD student</p> <p>.....</p> <p>Dr. Nicolò Brilli</p>	<p>Coordinator of the PhD course</p> <p>.....</p> <p>Prof. Sandro Moretti</p>



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Attachment 1: Description of the Action

The research project conducted at the Universitat Politècnica de Catalunya (UPC) in Barcelona aims to develop new methodologies for the assessment of triggering conditions and runout analysis of shallow landslides at regional scale.

These events, triggered by rainfall, can rapidly evolve into debris flows characterized by high velocity and destructive power, posing a significant threat to many communities. They frequently occur as cluster events affecting wide areas, making their prediction a challenging task.

The goal is to identify the critical factors influencing the triggering and propagation of these phenomena, using physically-based models.

These models will be validated through back analysis, focusing on selected rainfall events that have triggered numerous landslide events.

The project focuses on two specific sites: the Aosta Valley region and the Marche region.

In the Marche region, a recent study by UNIFI resulted in the creation of an inventory of over 400 shallow landslides.

A key focus of the project will be to compare two prediction models: FSLAM (Fast Shallow Landslide Assessment Model) and HIRESSS (High Resolution Slope Stability Simulator).

FSLAM, developed by the UPC, is a Python QGIS plugin that assesses areas where shallow landslides are more prone to occur within a region, generating detailed raster maps in a short computational time.

HIRESSS, developed by UNIFI, is a physically based distributed calculation model capable of providing real-time slope stability analyses over extensive areas.

The results of the two models will be compared, and the identified trigger zones will be used as source areas for runout analyses using UPC's "Debrisdice" software.

The integration and combination of these models will be a significant step toward more accurate shallow landslide prediction. The aim of the collaboration between UNIFI and UPC will therefore be to develop an integrated shallow landslide prediction and monitoring system to provide local authorities with the necessary tools to effectively and timely manage the risk associated with these natural events.



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<p align="center">AGREEMENT OF SCIENTIFIC COOPERATION BETWEEN DEPARTMENT OF EARTH SCIENCES OF THE UNIVERSITY OF FLORENCE AND United Kingdom Research and Innovation as represented by the British Geological Survey IN THE FRAMEWORK OF HOSTING A PHD STUDENT</p>	<p align="center">ACCORDO DI COOPERAZIONE SCIENTIFICA TRA IL DIPARTIMENTO DI SCIENZE DELLA TERRA DELL'UNIVERSITA' DI FIRENZE E United Kingdom Research and Innovations rappresentata dal British Geological Survey NELL'AMBITO DELL'ACCOGLIMENTO DI UNO STUDENTE DI DOTTORATO</p>
<p align="center"><i>General provision</i></p> <p>Given that United Kingdom Research and Innovation as represented by the British Geological Survey, established as a body corporate under the Law of England and Wales by the provisions of Part 3 91(1) in the Higher Education and Research Act 2017 (HERA) and enabled under HERA 2017 (Commencement No.3) Regulations 2018, with its head office at Nicker Hill, Keyworth, Nottingham NG12 5GG England, UK, represented by Dott. Robert J.Smith, Head of Legal and IPR, duly empowered for the purpose hereof,</p> <p>Hereinafter referred to as "BGS",</p> <p align="center">AND</p> <p>Given that the Department of Earth Sciences of the University of Florence, is a public institution of research and study in the fields of natural risk mapping and environmental monitoring</p> <p>with its head office in Via La Pira, 4 - 50121, Florence (Italy), represent by Prof. Luca Bindi, Director, duly empowered for the purpose hereof,</p> <p>Hereinafter referred to as "DST",</p> <p>are hereinafter individually referred to as the "Party" and jointly as the "Parties".</p> <p>Whereas</p>	<p align="center"><i>Disposizioni generali</i></p> <p>Dato che il United Kingdom Research and Innovation rappresentata dal British Geological Survey, istituito come organismo societario ai sensi della legge dell'Inghilterra e del Galles dalle disposizioni della Parte 3 91(1) dell'Higher Education and Research Act 2017 (HERA) e abilitata ai sensi dei regolamenti HERA 2017 (Commencement No.3) 2018 con sede a Nicker Hill, Keyworth, Nottingham NG12 5GG Inghilterra, Regno Unito, rappresentato dal Dott. Robert J.Smith, responsabile del settore legale e dei diritti di proprietà intellettuale, all'uopo delegato,</p> <p>Di seguito denominato "BGS",</p> <p align="center">E</p> <p>Dato che il Dipartimento di Scienze della Terra dell'Università degli Studi di Firenze, è un'istituzione pubblica di ricerca e studio nell'ambito del rischio naturale, la mappatura e il monitoraggio ambientale</p> <p>con sede in Via La Pira, 4 - 50121, Firenze (Italia), rappresentata dal Prof. Luca Bindi, Direttore, all'uopo delegato,</p> <p>Di seguito denominato "DST",</p> <p>sono di seguito denominate singolarmente la "Parte" e congiuntamente le "Parti".</p> <p>Mentre</p>



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<p>The Parties each have proven and complementary skills and know-how in the fields of vulnerability, resilience and risk perception in hazardous areas with geological risks:</p> <ul style="list-style-type: none"> - for BGS: Analysis of vulnerability, investigation of the relationship between hydrogeological variables and urban planning - for the DST: Analysis of vulnerability, exploration of the correlation between hydrogeological and urban planning variables, and analysis of local urban policies <p>The Parties have collaborated previously, working on studies and research projects and proposals about the above-mentioned topics.</p> <p>With the objective to allow students from DST to participate in the research work carried out by BGS (and vice versa) with the support of its scientific experts, and thus to improve their knowledge and complete their training (hereinafter referred to as “the Action”) as described in Attachment 1, BGS accepts to host students from DST at its premises.</p> <p>Within the framework of the Action, BGS will welcome Alessio GATTO (hereinafter referred to as “the PhD Student”) in its scientific and technical centre at Keyworth, Nottingham with a potential start date on 1st of September 2024.</p> <p>The following has been agreed upon:</p>	<p>Le parti dispongono di competenze e know-how comprovati e complementari nei settori della vulnerabilità, resilienza, percezione del rischio in scenari contraddistinti da rischi geologici:</p> <ul style="list-style-type: none"> - per BGS: Analisi della vulnerabilità, indagine sulla relazione tra variabili idrogeologiche e pianificazione urbana. - per il DST: analisi di vulnerabilità, esplorazione della correlazione tra variabili idrogeologiche e di pianificazione urbana, analisi di policy locali urbane <p>Le parti hanno già collaborato, lavorando a studi e progetti di ricerca europei sulle tematiche sopra citate.</p> <p>Con l'obiettivo di consentire agli studenti del DST di partecipare al lavoro di ricerca svolto da BGS (e viceversa) con il supporto dei suoi esperti scientifici, e quindi di migliorare le loro conoscenze e completare la loro formazione (di seguito denominata “l’Azione”) come descritto nell’Allegato 1, BGS accetta di ospitare nei propri locali studenti provenienti da DST.</p> <p>Nell'ambito dell’Azione, BGS accoglierà il dottorando Alessio GATTO (di seguito “Il dottorando”) nel suo centro scientifico e tecnico a Keyworth, Nottingham, con una potenziale data di inizio il 1° Settembre 2024</p> <p>È stato concordato quanto segue:</p>
<p style="text-align: center;">Article 1: Purpose of the Agreement</p> <p>The purposes of the Agreement are:</p> <ul style="list-style-type: none"> - to subscribe an agreement of joint research for the PhD student Alessio Gatto; - to establish and develop a scientific cooperation between Italian and foreign research groups with international mobility of PhD students. - to establish the terms and conditions for their collaboration, as well as the respective rights and duty deriving from them. 	<p style="text-align: center;">Articolo 1: Scopo dell’Accordo</p> <p>Gli scopi dell’Accordo sono:</p> <ul style="list-style-type: none"> - stipulare una convenzione di ricerca congiunta a favore del dottorando Alessio Gatto; - instaurare e sviluppare la cooperazione scientifica tra gruppi di ricerca italiani e stranieri attraverso la mobilità dei dottorandi. - stabilire i termini e le condizioni per la loro collaborazione, nonché i rispettivi diritti e obblighi che ne derivano.



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Article 2: Implementation of the Action

2.1 Coordinator

Prof. Sandro Moretti is hereby designated as coordinator of the PhD course at the DST (hereinafter referred to as "the Coordinator").

2.1.2. Scientific tutors

The scientific representatives (hereinafter referred to as "Scientific Representatives") responsible for the implementation of the research activities are as follows:

For BGS:

Roxana Ciurean
Geohazard Scientist
Nicker Hill, Keyworth, Nottingham, NG12 5GG, UK
e-mail: roxan@bgs.ac.uk
Tel.: +44 7848866940

For DST:

Prof. Samuele Segoni
DST (Earth Sciences Department, University of Florence)
Via Giorgio La Pira, 4 - 50121, Firenze (Italia)
e-mail: samuele.segoni@unifi.it
Cellulare: +393428640066

2.2 Implementation of the research activities

2.2.1 To implement the research activities,

BGS will host the PhD Student at its Keyworth premises, Nottingham for 4 months from September 1st 2024 to 20 December 2024 unless agreed otherwise in writing between the Parties.

BGS commits to:

- provide a workstation to the PhD student;
- provide the PhD student with an internet access;
- involve the PhD student in the BGS activities as appropriate and where relevant to her professional curriculum and supervise her work.

BGS shall provide reasonable assistance to the PhD student in obtaining visas or other permissions from the relevant authorities for the purposes of the secondment, however DST recognise that

Articolo 2: Attuazione dell'azione

2.1 Coordinatore

Il Prof. Moretti è designato quale coordinatore del corso di dottorato presso il DST (di seguito "il Coordinatore").

2.1.2. Rappresentanti scientifici

I rappresentanti scientifici (di seguito denominati "Rappresentanti scientifici") responsabili dell'attuazione delle attività di ricerca sono i seguenti:

Per BGS:

Roxana Ciurean
Scienziata del Geohazard
Nicker Hill, Keyworth, Nottingham, NG12 5GG, UK
e-mail: roxan@bgs.ac.uk
Tel.: +44 7848866940

Per DST:

Prof. Samuele Segoni
DST (Earth Sciences Department, University of Florence)
Via Giorgio La Pira, 4 - 50121, Firenze (Italia)
e-mail: samuele.segoni@unifi.it
Cellulare: +393428640066

2.2 Attuazione delle attività di ricerca

2.2.1 Per implementare l'Azione

BGS ospiterà il dottorando nei suoi locali a Keyworth, Nottingham per 4 mesi dal 1° Settembre 2024 al 20 Dicembre 2024, salvo diverso accordo scritto tra le Parti.

BGS si impegna a:

- fornire una postazione di lavoro al dottorando;
- fornire al dottorando un accesso a Internet;
- coinvolgere il dottorando nelle attività del BGS attinenti al suo curriculum professionale e sovrintendere al suo lavoro.

BGS fornirà assistenza al dottorando nell'ottenimento di visti o altri permessi dalle autorità competenti ai fini del distacco, tuttavia, il



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<p>responsibility for the Student's required visas lies with the Student/DST.</p> <p>2.2.2. DST commits to: - make the PhD student aware and abide the rules and regulations of BGS, including confidentiality as per article 7 of the Agreement.</p> <p>2.3. Minutes of meetings and reports Regular meetings will be organized by the Scientific Representatives to discuss the progress of the research activities and the conclusions of these meetings will be summarized in a document written by the Coordinator. A final report presenting the results obtained as part of the research activities shall be prepared by the Coordinator.</p>	<p>DST riconosce che la responsabilità dei visti necessari allo Studente spetta allo Studente/DST.</p> <p>2.2.2. DST si impegna a: - sensibilizzare il dottorando a rispettare le norme e i regolamenti del BGS, ivi inclusa la riservatezza di cui all'articolo 7 del Contratto.</p> <p>2.3. Verbali di riunioni e relazioni Saranno organizzati incontri regolari dai Rappresentanti Scientifici per discutere i progressi delle attività scientifiche e le conclusioni di questi incontri saranno riassunte in un documento scritto dal Coordinatore. Il Coordinatore redigerà un rapporto finale che presenti i risultati ottenuti nell'ambito delle attività di ricerca.</p>
<p>Article 3: Financial terms and conditions</p> <p>The travel and accommodation costs of the PhD student are covered by DST scholarship and by 10% for mobility of which the PhD student is the holder, and there is no financial contribution from BGS for the implementation of the research activities or otherwise under this Agreement.</p>	<p>Articolo 3: Termini e condizioni finanziarie</p> <p>Le spese di viaggio, vitto e alloggio del dottorando sono coperte da borsa di studio del DST e dal 10% per la mobilità di cui il dottorando è titolare e nessun contributo finanziario sarà richiesto al BGS per lo svolgimento delle attività di ricerca, o altrimenti ai sensi del presente Contratto.</p>
<p>Article 4: Intellectual property</p> <p>4.1 Ownership of results Any intellectual property rights, whether or not they can be protected, arising out of the research provided through this Agreement ("Results") shall be owned by the Party who generates them. Results generated solely by the PhD student during the secondment period shall belong to DST.</p> <p>4.2 Joint Ownership Where employees of BGS and employees of DST have jointly generated results, and where their respective contribution to the joint results cannot be ascertained, or where it is not possible to separate such joint results for the purpose of applying for, obtaining or maintaining the relevant</p>	<p>Articolo 4: Proprietà intellettuale</p> <p>4.1 Proprietà dei risultati Qualsiasi diritto di proprietà intellettuale, proteggibile o meno, derivante dalla ricerca eseguita attraverso il presente accordo ("Risultati") saranno di proprietà della Parte che li ha generati. I risultati generati esclusivamente dal dottorando durante il Periodo di distacco apparterranno al DST.</p> <p>4.2 Proprietà congiunta Laddove dipendenti di BGS e dipendenti di DST abbiano generato risultati congiuntamente e non sia possibile accertare il loro rispettivo contributo ai risultati congiunti, o qualora non sia possibile separare tali risultati congiunti allo scopo di richiedere, ottenere o mantenere il relativo tutela</p>



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intellectual property rights protection, they shall have joint ownership of those results, in equal shares, of whatever nature or kind, unless said Parties were to contractually agree to the related property rights being transferred to one of them.

The joint owners shall establish an agreement regarding the allocation and terms of exercise of that joint ownership.

Unless otherwise agreed:

- each of the joint owners shall be entitled to use any jointly owned Results for non-commercial research activities on a royalty-free basis, and without requiring the prior consent of the other joint owner, and
- each of the joint owners shall be entitled to otherwise commercially exploit the jointly owned Results and to grant non-exclusive licenses to third parties (without any right to sub-license), if the other joint owner is given:
 - (a) at least 45 calendar days advance notice; and
 - (b) Fair and Reasonable compensation determined by separate agreement.

dei diritti patrimoniali, essi avranno la comproprietà di tali risultati, in parti uguale, di qualsiasi natura o natura, salvo che dette Parti non dovessero contrattualmente convenire che i relativi diritti patrimoniali siano trasferiti ad una di esse.

I comproprietari dovranno stabilire con un accordo l'assegnazione e le condizioni di esercizio di tale comproprietà.

Salvo diverso accordo:

- ciascuno dei comproprietari avrà il diritto di utilizzare i propri Risultati congiunti per attività di ricerca non commerciale a titolo gratuito e senza richiedere il previo consenso dell'altro comproprietario, e
- ciascuno dei comproprietari avrà facoltà di Sfruttare commercialmente i Risultati congiunti e di concedere licenze non esclusive a terzi (senza alcun diritto di sub-licenza), qualora all'altro comproprietario sia concesso:
 - a) preavviso di almeno 45 giorni di calendario; e
 - (b) una compensazione equa e ragionevole determinato da un accordo separato.

Article 5: Licences to Background Intellectual Property and to Results

5.1 Background

5.1.1 All pre-existing intellectual property or intellectual property generated outside the scope of the Action ("Background Intellectual Property") belonging to one Party or, where applicable, to a third party (the "Owning Party") is and shall remain the exclusive property of the Owning Party (or, where applicable, the third party from whom its right to use the Background Intellectual Property has derived).

The Parties agree that any improvements or modifications to the Owning Party's Background Intellectual Property arising from the Project which are not severable from that Background and/or that can be re-engineered back to the original Background will be deemed to form part of the Owning Party's Background Intellectual Property.

Articolo 5: Licenze di proprietà intellettuale di base e di risultati

5.1 Conoscenze preesistenti

5.1.1 Tutta la proprietà intellettuale preesistente o generata al di fuori dell'ambito dell'Azione ("Proprietà intellettuale preesistente") appartenente a una Parte o, se del caso, a un terzo (la "Parte proprietaria") è e rimarrà di proprietà esclusiva della Parte proprietaria (o, se del caso, del terzo da cui è derivato il diritto di utilizzare la Proprietà intellettuale preesistente).

Le Parti convengono che qualsiasi miglioramento o modifica della Proprietà Intellettuale di Base della Parte proprietaria derivante dal Progetto che non sia separabile da tale base e/o che possa essere reingegnerizzata fino alla base originale sarà considerata parte della Proprietà Intellettuale di Base della Parte proprietaria.



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5.2 General Principles

Any licences granted from one Party to the other under this Agreement are hereby:

- (a) non-transferable and non-sublicensable unless expressly stated otherwise in this Agreement;
- (b) free of any administrative transfer costs; and
- (c) granted on a non-exclusive basis.

Results and Background Intellectual Property shall be used only for the purposes for which licences to it have been granted.

5.3 Licence for implementation

A licence to Background Intellectual Property in order to carry out the Action shall be granted from each Party to the other Party on a royalty-free basis, unless otherwise agreed and shall be granted only to the extent that it is reasonably required for that Party to complete the Action and only for the duration of this Agreement.

Each Party hereby grants a licence to the other to use Results owned by the other Party for their own non-commercial scientific research and academic purposes, including on projects funded by third parties provided they acquire no rights to such Results.

5.4 Exploitation

Commercial exploitation of the other Party's Results shall be granted on Fair and Reasonable conditions determined by separate written agreement.

Each Party grants to the other a licence to use its Results for internal research activities on a royalty-free basis.

A licence to Background Intellectual Property if reasonably required for exploitation of a Party's own Results, including for research on behalf of a third party, shall be granted on Fair and Reasonable conditions.

5.2 Principi generali

Tutte le licenze concesse da una Parte all'altra ai sensi del presente Accordo sono:

- (a) non trasferibili e non concedibili in sublicenza, se non diversamente indicato nel presente Accordo;
- (b) prive di costi amministrativi di trasferimento; e
- (c) concessi su base non esclusiva.

I risultati e la proprietà intellettuale di base saranno utilizzati esclusivamente per gli scopi per i quali sono state concesse le relative licenze.

5.3 Licenza per implementazione

La licenza per la Proprietà Intellettuale Preesistente al fine di realizzare l'Azione è concessa da ciascuna Parte all'altra Parte su base esente da royalty, se non diversamente concordato, ed è concessa solo nella misura in cui è ragionevolmente necessaria a tale Parte per completare l'Azione e solo per la durata del presente Accordo.

Ciascuna Parte concede all'altra una licenza per l'utilizzo dei risultati di proprietà dell'altra Parte per la propria ricerca scientifica non commerciale e per scopi accademici, anche nell'ambito di progetti finanziati da terzi, a condizione di non acquisire alcun diritto su tali risultati.

5.4 Diritti di accesso per uso e sfruttamento

Lo sfruttamento commerciale dei risultati dell'altra Parte sarà concesso a condizioni eque e ragionevoli determinate da un accordo scritto separato.

Ciascuna Parte concede all'altra una licenza d'uso dei propri risultati per attività di ricerca interne su base esente da royalty.

Una licenza sulla Proprietà Intellettuale di base, se ragionevolmente necessaria per lo sfruttamento dei risultati di una Parte, anche per la ricerca per conto di terzi, è concessa a condizioni eque e ragionevoli.

Article 6: - Publications

Articolo 6: - Pubblicazioni



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6.1 General principles

For the avoidance of doubt, nothing in this Article has impact on the confidentiality obligations set out in Article 7.

6.2 Publication of Results

Prior notice of any planned publication (including the Student's doctoral thesis) shall be given to the other Party at least 45 calendar days before the publication.

6.3 Objections

Any objection to the planned publication shall be made in writing to the to the Party proposing the dissemination within 30 calendar days after receipt of the notice. If no objection is made within the time limit stated above, the publication is permitted.

An objection is justified if:

- (a) the protection of the objecting Party's Results or Background would be adversely affected
- (b) the objecting Party's legitimate interests in relation to the Results or Background would be significantly harmed.

The objection has to include a precise request for necessary modifications.

If an objection has been raised the Parties shall discuss how to overcome the justified grounds for the objection on a timely basis (for example by amendment to the planned publication and/or by protecting information before publication) and the objecting Party shall not unreasonably continue the opposition if appropriate measures are taken following the discussion.

6.4 Dissemination of another Party's unpublished Results or Background

A Party shall not include in any dissemination activity another Party's Results or Background Intellectual Property without obtaining the owning Party's prior written approval, unless they are already published.

6.1 Principi generali

A scanso di equivoci, nulla in questo articolo ha un impatto sugli obblighi di riservatezza di cui all'articolo 7.

6.2 Pubblicazione dei risultati

Almeno 45 giorni di calendario prima della pubblicazione (inclusa la tesi di dottorato dello studente), deve essere data all'altra Parte notifica preventiva di qualsiasi pubblicazione prevista.

6.3 Obiezioni

Qualsiasi opposizione alla pubblicazione prevista deve essere fatta per iscritto alla Parte proponente la diffusione entro 30 giorni di calendario dal ricevimento della comunicazione. Se non viene fatta opposizione entro il termine sopra indicato, la pubblicazione è consentita.

L'obiezione è giustificata se:

- (a) la protezione dei risultati o del contesto della parte che obietta sarebbe pregiudicata
- (b) gli interessi legittimi della Parte obiettante in relazione ai Risultati o al Contesto sarebbero significativamente danneggiati.

L'obiezione deve contenere una precisa richiesta delle necessarie modifiche.

Se è stata sollevata un'obiezione, le parti discutono su come superare tempestivamente i motivi giustificanti l'obiezione (ad esempio modificando la pubblicazione prevista e/o proteggendo le informazioni prima della pubblicazione) e la parte che fa obiezione non può irragionevolmente mantenere ferma l'opposizione, se a seguito della discussione vengono presi opportuni provvedimenti.

6.4 Divulgazione di Risultati o Background non pubblicati di un'altra Parte

Una Parte non deve includere in alcuna attività di diffusione i Risultati o la proprietà intellettuale di Background di un'altra Parte senza ottenere la previa approvazione scritta della Parte proprietaria, a meno che non siano già stati pubblicati.



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<p>6.5 Cooperation obligations The Parties undertake to cooperate to allow the timely submission, examination, publication and defence of any dissertation or PhD thesis for a degree that includes their Results or Background, subject to the confidentiality and publication provisions agreed in this Agreement.</p> <p>6.6 Use of names, logos or trademarks Nothing in this Agreement shall be construed as conferring rights to use in advertising, publicity or otherwise the name of the Parties or any of their logos or trademarks without their prior written approval.</p>	<p>6.5 Obblighi di cooperazione Le Parti si impegnano a collaborare per consentire la tempestiva presentazione, esame, pubblicazione e difesa di qualsiasi dissertazione o tesi di dottorato che includa i propri Risultati o Background, fatte salve le disposizioni di riservatezza e pubblicazione concordate nel presente Accordo.</p> <p>6.6 Uso di nomi, loghi o marchi Nulla nel presente Contratto può essere interpretato come conferimento di diritti di utilizzo, fare pubblicità o altro del nome delle Parti o di uno qualsiasi dei loro loghi o marchi senza la rispettiva previa approvazione scritta.</p>
<p style="text-align: center;">Article 7: Confidentiality</p> <p>7.1 Confidentiality</p> <p>7.1.1 Each Party shall only provide the other Party with the Confidential Information that it deems to be required for implementation of the research, subject to third party rights.</p> <p>7.1.2 No provision of the Agreement may be construed as obliging any Party to disclose Confidential Information to the other Party, with the exception of the information required for implementing the Action.</p> <p>7.1.3 The Party which receives Confidential Information from the other Party undertakes to ensure that the Confidential Information originating from the Party disclosing it:</p> <ul style="list-style-type: none"> - is kept strictly confidential and is protected in the same manner as its own Confidential Information; - is only provided to the members of its staff which have to be familiar therewith and is only used for the purposes set forth in the Agreement; - is copied, reproduced, or duplicated totally or partially only for the purposes of achieving the research. 	<p style="text-align: center;">Articolo 7: Riservatezza</p> <p>7.1 Riservatezza</p> <p>7.1.1 Ciascuna Parte fornirà all'altra Parte solo le Informazioni riservate che ritiene necessarie per l'attuazione della ricerca, fatti salvi i diritti di terzi.</p> <p>7.1.2 Nessuna disposizione del Contratto può essere interpretata come obbligante una Parte a divulgare Informazioni Riservate all'altra Parte, ad eccezione delle informazioni richieste per l'attuazione dell'Azione.</p> <p>7.1.3 La Parte che riceve le Informazioni Riservate dall'altra Parte si impegna ad assicurare che le Informazioni Riservate provenienti dalla Parte che le divulga:</p> <ul style="list-style-type: none"> - siano mantenute strettamente riservate e protette alla stregua delle proprie Informazioni Riservate; - siano fornite solo ai membri del suo personale che devono conoscerle e siano utilizzate solo per gli scopi previsti nel Contratto; - siano copiate, riprodotte o duplicate in tutto o in parte solo allo scopo di realizzare la ricerca.



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Any and all other disclosure or use of the Confidential Information shall require the prior, written agreement of the Party disclosing it.

7.1.4 All the Confidential Information and its reproductions sent by one Party to the other pursuant to the Agreement shall remain the property of the Party disclosing it, subject to third party rights, and shall be immediately returned to this Party at its request except that Confidential Information which is required to be retained by the receiving party by law, including by regulations or by governmental order, decree, regulation or rule. Confidential Information which has been automatically backed-up on the computer systems of the receiving party or its representatives. To the extent that such computer back-up procedures create copies of the Confidential Information, the receiving party and/or its representatives, as appropriate, may retain such copies for the period they normally archive backed-up computer records.

7.1.5 The Party receiving the Confidential Information may disclose Confidential Information for which it is able to demonstrate:

- that it was in the public domain prior to its disclosure or subsequent to it, and without any negligence being attributable to it;
- that it was already in its possession prior the execution of the Agreement;
- that it was received lawfully from a third party;
- that use or disclosure was authorised in writing by the Party from which it originated;
- that it was developed independently and in good faith by the staff of the Party receiving it without such staff having access to said Confidential Information.
- that it was disclosed in order to comply with a mandatory law or regulation or with a competent court, administrative authority or court of arbitration order, and the Party required to disclose will make all reasonable efforts to notify the disclosing Party and the receiving Party will give due regard to the legal means to limit, as far as possible, such disclosure of Confidential

Qualsiasi altra divulgazione o utilizzo delle Informazioni riservate richiede il previo consenso scritto della Parte che le divulga.

7.1.4 Tutte le Informazioni Riservate e le loro riproduzioni, inviate da una Parte all'altra ai sensi del Contratto, rimarranno di proprietà della Parte che le divulga, fatti salvi i diritti di terzi, e saranno immediatamente restituite a questa Parte su sua richiesta ad eccezione delle Informazioni riservate che la parte ricevente è tenuta a conservare per legge, compresi i regolamenti o gli ordini, i decreti, i regolamenti o le norme governative. Le Informazioni riservate che sono state sottoposte a backup automatico sui sistemi informatici della parte ricevente o dei suoi rappresentanti. Nella misura in cui tali procedure di back-up informatico creano copie delle Informazioni riservate, la parte ricevente e/o i suoi rappresentanti, a seconda dei casi, possono conservare tali copie per il periodo in cui normalmente archiviano i documenti informatici di back-up.

7.1.5 La Parte che riceve le Informazioni riservate può divulgare Informazioni riservate per le quali è in grado di fornire prova:

- che era di pubblico dominio prima o dopo la sua divulgazione, e senza che vi fosse imputabile alcuna negligenza;
- che era già in suo possesso prima dell'esecuzione del Contratto;
- che è stato ricevuto legittimamente da un terzo;
- che l'uso o la divulgazione sia stato autorizzato per iscritto dalla Parte da cui ha avuto origine;
- che è stato sviluppato in modo indipendente e in buona fede dal personale della Parte che lo riceve senza che tale personale abbia accesso a dette Informazioni Riservate.
- che siano state divulgate per ottemperare a una legge o a un regolamento obbligatorio o a un'ordinanza di un tribunale, di un'autorità amministrativa o di un tribunale arbitrale competente, e la Parte tenuta alla divulgazione compirà tutti gli sforzi ragionevoli per informare la Parte divulgatrice e la Parte ricevente terrà in debito conto i mezzi legali per limitare, per quanto possibile, tale divulgazione di Informazioni



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<p>Information, however the ultimate discretion of disclosure will vest in the disclosing Party.</p> <p>7.1.6 No provision of this Agreement implies:</p> <ul style="list-style-type: none"> - a waiver of the Confidential Information protection by a patent or by any and all other intellectual property right for the Party disclosing it; - a transfer nor a concession of any right over this information by the Party disclosing it in favour of the other Party. 	<p>riservate; tuttavia, la discrezionalità ultima della divulgazione spetterà alla Parte divulgatrice.</p> <p>7.1.6 Nessuna disposizione del presente Contratto implica:</p> <ul style="list-style-type: none"> - una rinuncia alla tutela delle Informazioni Riservate da un brevetto o da ogni altro diritto di proprietà intellettuale della Parte che le divulga; - un trasferimento né una concessione di alcun diritto su tali informazioni da parte della Parte che le divulga a favore dell'altra Parte.
<p style="text-align: center;">Article 8: Insurance Procedure</p> <p>8.1 DST and the Student, while exercising the activities provided for in the research, must have both accident insurance and third party liability insurance for unintentional damage, hereby releasing the host institution from any liability to this regard. Such insurance coverage may be either provided by the home institutions, according to its own regulations, or contained in a policy covering the above-mentioned risks obtained by the interested PhD student from an insurance company. For what concerns health insurance (coverage for medical expenses and/or hospitalization) the PhD student must provide her own insurance according to the rules of the host country.</p> <p>8.1.1 Each Party undertakes to carry out its share of the Action in accordance with the obligation of due care binding upon it.</p> <p>8.1.2 The Parties mutually waive entitlement to claim compensation from one another for consequential and immaterial loss that may occur pursuant to the Agreement.</p> <p>8.2 Parties' staff Each Party shall be responsible for the cover of its staff in accordance with the applicable legislation in respect of social security, industrial accident and occupational disease schemes to which it is</p>	<p style="text-align: center;">Articolo 8: Responsabilità - Assicurazione</p> <p>8.1 il DST e lo studente a dovranno essere assicurati, nell'esercizio delle attività previste dal presente accordo, per i rischi derivanti da infortuni e responsabilità civile per danni a terzi, sollevando l'Ente ospitante da eventuali responsabilità.</p> <p>Le coperture assicurative potranno essere realizzate sia presso l'Università di appartenenza, secondo il proprio regolamento, sia tramite polizza assicurativa stipulata direttamente dal dottorando per la copertura dei rischi suddetti. Per la copertura assicurativa relativa alle spese sanitarie e/o di ospedalizzazione, il dottorando dovrà provvedere per proprio conto secondo le regole del Paese ospitante.</p> <p>8.1.1 Ciascuna Parte si impegna a svolgere la propria parte dell'Azione in conformità con l'obbligo di diligenza vincolante per essa.</p> <p>8.1.2 Le Parti rinunciano reciprocamente al diritto di richiedere l'indennizzo reciproco per perdite consequentiali e immateriali che potrebbero verificarsi ai sensi del Contratto.</p> <p>8.2 Personale delle parti Ciascuna Parte è responsabile della copertura del proprio personale in conformità della legislazione applicabile in materia di sicurezza sociale, infortuni sul lavoro e regimi di malattia professionale a cui è</p>



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affiliated if any and shall carry out the formalities for which it is responsible.

During the course of the Action the Student shall be requested to work in the premises at BGS. During her stay at the BGS premises, she will be subject to the local rules of procedure and shall comply with the rules of hygiene and safety of BGS. DST commits itself to have the Student respect the instructions concerning the use of equipment and facilities, such as specific operating instructions, schedules, risks and protection.

8.3 Damage/loss caused to Parties' property

Each Party is responsible up to a maximum of the liability limit stated in this Agreement for the damage/loss it may cause to the other Party's moveable or immovable property, during the execution of the Agreement.

8.4 Damage/loss caused to third parties

Each Party shall bear all the financial consequences of the civil liability that it incurs under civil law arising from any and all bodily injury or physical damage caused to third parties during the works carried-out pursuant to the Agreement.

8.5 Limitation of liability

Subject to clause 8.4, the maximum liability of BGS under or otherwise in connection with this Agreement shall not exceed the value of £20,000.

affiliata, se presente, ed espleta le formalità di sua competenza.

Nel corso dell'Azione lo Studente sarà invitato a lavorare nei locali del BGS. Durante la sua permanenza nei locali del BGS, sarà soggetto alle norme procedurali locali e dovrà rispettare le regole di igiene e sicurezza del BGS. DST si impegna a far rispettare allo Studente le istruzioni relative all'uso delle attrezzature e delle strutture, quali specifiche istruzioni operative, orari, rischi e protezioni.

8.3 Danni/perdite causati alla proprietà delle Parti

Ciascuna Parte è responsabile fino ad un massimo del limite di responsabilità indicato nel presente Accordo del danno/perdita che può causare ai beni mobili o immobili dell'altra Parte, durante l'esecuzione del Contratto.

8.4 Danni/perdite causate a terzi

Ciascuna Parte sopporterà tutte le conseguenze patrimoniali della responsabilità civile che incorre ai sensi del diritto civile derivante da ogni e qualsiasi lesione fisica o danno fisico cagionato a terzi nel corso dei lavori eseguiti ai sensi del Contratto.

8.5 Limitazione di responsabilità

Subject to clause 8.4, the maximum liability of BGS under or otherwise in connection with this Agreement shall not exceed the value of £20,000.

Article 9: Processing of personal data

9.1 The personal data relating to this agreement and to further communications, provided by the parties, will be processed and treated for institutional purposes in accordance with the General Data Protection Regulation (GDPR) – EU Regulation 2016/679.

9.2. The parties, as data subjects, may exercise their rights anytime according to the GDPR. For the University of Florence please see <https://www.unifi.it/cmpro-v-p-11360.html>

Articolo 9: Trattamento dei dati personali

9.1 I dati personali relativi al presente accordo sono raccolti e trattati per fini istituzionali delle parti in conformità agli artt. 13 e 14 del Regolamento UE 2016/679 - Regolamento Generale sulla protezione dei dati - General Data Protection Regulation (GDPR).

9.2. Ai contraenti spettano i diritti previsti dallo stesso Regolamento. Per l'Università degli Studi di Firenze visionare il link <https://www.unifi.it/cmpro-v-p-11360.html>



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<p>For the BGS please see the link https://www.ukri.org/about-us/privacy-notice/</p>	<p>Per il BGS visionare il link https://www.ukri.org/about-us/privacy-notice/</p>
<p style="text-align: center;">Article 10: Duration</p> <p>The Agreement is executed for the total duration of the Action, i.e. four months, and shall take effect as of September 1st 2024.</p> <p>The provisions of Articles 6, 7, 8, 10 and 14 shall survive for their own term, notwithstanding the expiry or termination of the Agreement.</p>	<p style="text-align: center;">Articolo 10: Durata</p> <p>L'Accordo è stipulato per l'intera durata dell'Azione, ovvero quattro mesi, ed entrerà in vigore a partire dal 1° Settembre 2024.</p> <p>Le disposizioni degli articoli 6, 7, 8, 10 e 14 sopravvivono per la loro durata, nonostante la scadenza o la risoluzione del Contratto.</p>
<p style="text-align: center;">Article 11: Termination</p> <p>In the event that a Party were to breach any of its obligations hereunder, the other Party may terminate the Agreement vis-à-vis the defaulting Party if, within 15 days of a registered letter with acknowledgment of receipt having been sent, the defaulting Party has still failed to comply with its obligations.</p> <p>The defaulting Party undertakes to provide the other Party with all the information reasonably required to continue the implementation of the Action in its stead free-of-charge.</p> <p>The exercise of this right of termination shall not discharge the defaulting Party from fulfilling its contractual obligations up to the effective termination date, subject to any damage/loss that may be suffered by the other Party owing to the partial termination of the Agreement and from providing the appropriate licences as specified in Article 5.</p>	<p style="text-align: center;">Articolo 11: Risoluzione</p> <p>Nel caso in cui una Parte dovesse violare uno qualsiasi dei suoi obblighi qui di seguito, l'altra Parte può risolvere il Contratto nei confronti della Parte inadempiente se, entro 15 giorni dall'invio di una lettera raccomandata con avviso di ricevimento, la Parte inadempiente non ha ancora adempiuto ai suoi obblighi.</p> <p>La Parte inadempiente si impegna a fornire gratuitamente all'altra Parte tutte le informazioni ragionevolmente richieste per proseguire l'attuazione dell'Azione in sua vece.</p> <p>L'esercizio di tale diritto di recesso non esonera la Parte inadempiente dall'adempimento delle proprie obbligazioni contrattuali fino alla data di cessazione effettiva, fermo restando l'eventuale danno/perdita che l'altra Parte dovesse subire a causa della risoluzione parziale del Contratto e dal fornire le licenze come specificato nell'articolo 5.</p>
<p style="text-align: center;">Article 12: Force majeure</p> <p>12.1 "Force majeure" means any unforeseeable and exceptional event affecting the performance of the Agreement, which is outside the control of the Parties, and which cannot be avoided in spite of the efforts that the Parties may reasonably</p>	<p style="text-align: center;">Articolo 12: Forza maggiore</p> <p>12.1 Per "forza maggiore" si intende qualsiasi evento imprevedibile ed eccezionale che influisca sull'esecuzione del Contratto, che sia al di fuori del controllo delle Parti e che non possa essere evitato nonostante gli sforzi che le Parti possono</p>



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<p>make. No Party shall be liable for total or partial failure to comply with its obligations if such is caused by an event of force majeure.</p> <p>12.2 The Party invoking an event of force majeure shall advise the other Party thereof within 7 (seven) days of the occurrence of said event.</p> <p>12.3 Where applicable, the lead-times for carrying-out the Action may be extended by joint agreement between the Parties.</p>	<p>ragionevolmente compiere. Nessuna Parte sarà responsabile per l'inadempimento totale o parziale dei propri obblighi se ciò è causato da un evento di forza maggiore.</p> <p>12.2 La Parte che invoca un evento di forza maggiore ne darà comunicazione all'altra Parte entro 7 (sette) giorni dal verificarsi di detto evento.</p> <p>12.3 Ove applicabile, i tempi di esecuzione dell'Azione possono essere prorogati di comune accordo tra le Parti.</p>
<p style="text-align: center;">Article 13: Intuitu personae</p> <p>The Agreement is executed intuitu personae. Consequently, no Party is authorised to transfer all or part of the rights and obligations hereunder to a third party without the prior and written agreement of the other Party.</p>	<p style="text-align: center;">Articolo 13: Intuitu personae</p> <p>Il Contratto è stipulato intuitu personae. Di conseguenza, nessuna Parte è autorizzata a trasferire tutti o parte dei diritti e degli obblighi di cui al presente a una terza parte senza il previo consenso scritto dell'altra Parte.</p>
<p style="text-align: center;">Article 14: Governing law – Disputes</p> <p>14.1 The Agreement is governed by English law.</p> <p>14.2 In the event of a disagreement as regards the validity, interpretation or performance of the Agreement, the Parties shall endeavour to resolve their dispute amicably through the Scientific Representatives, and subsequently through their respective management.</p> <p>14.3 Any dispute which the Parties have failed to settle by mutual agreement within a period of thirty (30) days from the start of the first amicable discussion shall be referred to the English Courts having sole jurisdiction.</p>	<p style="text-align: center;">Articolo 14: Legge applicabile – Controversie</p> <p>14.1 Il Contratto è regolato dalla legge inglese.</p> <p>14.2 In caso di disaccordo in merito alla validità, interpretazione o esecuzione del Contratto, le Parti si adoperano per risolvere amichevolmente la controversia tramite i Rappresentanti Scientifici e, successivamente, tramite i rispettivi dirigenti.</p> <p>14.3 Qualsiasi controversia che le Parti non abbiano risolto di comune accordo entro un termine di trenta (30) giorni dall'inizio della prima discussione amichevole sarà deferita ai tribunali inglesi con competenza esclusiva.</p>
<p style="text-align: center;">Article 15: Language of the Agreement</p> <p>The Agreement has been drawn up in 1 (one) bilingual version (English/Italian). Should there be any conflict of meaning, the English version shall take precedence.</p>	<p style="text-align: center;">Articolo 15: Lingua dell'accordo</p> <p>L'Accordo è stato redatto in 1 (una) versione bilingue (Inglese Italiano). In caso di conflitto di significato, prevarrà la versione inglese.</p>



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<p>Attachments:</p> <p>The following documents are attached to the Agreement and form an integral part hereof: - Attachment 1: Description of the Research</p> <p>In the event of a conflict or difference between the body of the Agreement and its Attachment, the body of the Agreement shall prevail.</p> <p>A signed copy of this Agreement delivered by e-mailed portable document format file or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement.</p>	<p>Allegati:</p> <p>I seguenti documenti sono allegati al presente Accordo e ne costituiscono parte integrante: - Allegato 1: Descrizione della Ricerca</p> <p>In caso di conflitto o differenza tra il corpo dell'Accordo e il suo Allegato, prevarrà il corpo dell'Accordo.</p> <p>Una copia firmata del presente Contratto consegnata via e-mail in formato documento portatile o con altri mezzi di trasmissione elettronica sarà considerata avere gli stessi effetti legali della consegna di una copia originale firmata del presente Contratto.</p>
<p>For BGS</p> <p>.....</p> <p>Mr. Robert J. Smith Head of Legal and IPR</p>	<p>For UNIFI</p> <p>.....</p> <p>Prof. Luca Bindi Director of the Department of Earth Sciences</p>
<p>Scientific Tutor, BGS</p> <p>.....</p> <p>Dr. Roxana Ciurean</p>	<p>Tutor Scientifico, DST, University of Florence</p> <p>.....</p> <p>Prof. Samuele Segoni</p>
<p>PhD student</p> <p>.....</p> <p>Dr. Alessio Gatto</p>	<p>Coordinator of the PhD course</p> <p>.....</p> <p>Prof. Sandro Moretti</p>



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Attachment 1: Description of the Action

The frequency of occurrence of hydrogeological disasters (HGDs), as well as the persistence of their impacts, are not evenly distributed; hazardous areas, by definition, are more prone to extreme events, while in densely urbanized regions, the impacts of these events tend to be more severe. The objective of this study is to investigate the possibility of identifying relationships between urban and natural environment features and HGD occurrences. Taking the UK as a comprehensive case study, the aim is to explore correlations with determination coefficients like R^2 , χ^2 , and Poisson tests to determine the degree of statistical correlation at the provincial level between impact indicators and hazard/risk/land management indicators such as buildings in areas at risk or the surface area of at-risk zones.

In Italy, it was discovered that HGD persistence and frequency correlate best with an indicator describing the amount of soil sealing (i.e., urbanized soil) in medium-hazard areas. Building on these findings, a further dynamic analysis was carried out to investigate whether soil consumption trends changed significantly after the provinces were struck by HGDs. This analysis aimed to understand if there was a reactive change in land-use practices following disaster events, such as improved zoning laws or better land management strategies to mitigate future risks.

This work aims to replicate the statistical approach implemented in Italy in the UK to highlight similarities and differences between the two countries concerning land-use policy norms. By doing so, the study seeks to contribute to a broader understanding of how different urbanization patterns and land management practices influence the occurrence and impact of HGDs. Ultimately, the goal is to provide insights that can inform better risk management and urban planning policies to reduce the vulnerability of communities to hydrogeological disasters. This comparative analysis between Italy and the UK could reveal valuable lessons and best practices applicable across different geographic and socio-economic contexts.



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<p style="text-align: center;">AGREEMENT OF SCIENTIFIC COOPERATION BETWEEN DEPARTMENT OF EARTH SCIENCES OF THE UNIVERSITY OF FLORENCE AND THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, ACTING ON BEHALF OF THE LABORATOIRE ARCHÉOSCIENCES BORDEAUX (FRANCE) IN THE FRAMEWORK OF HOSTING A PHD STUDENT</p>	<p style="text-align: center;">ACCORDO DI COOPERAZIONE SCIENTIFICA TRA IL DIPARTIMENTO DI SCIENZE DELLA TERRA DELL'UNIVERSITA' DI FIRENZE E IL CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, OPERANTE PER CONTO DEL LABORATOIRE ARCHÉOSCIENCES BORDEAUX (FRANCE) NELL'AMBITO DELL'ACCOGLIMENTO DI UNO STUDENTE DI DOTTORATO</p>
<p style="text-align: center;">General provision</p> <p>Given that the Centre National de la Recherche Scientifique, hereinafter referred to as CNRS, a public scientific and technological establishment, whose administrative offices are at 3, rue Michel-Ange, 75794 Paris Cedex 16, France, SIRET (business location) No. 180089013 04033, NAF (principal activity) Code 7219.Z, represented by its President, Mr. Antoine Petit, having delegated authority to sign this Agreement to Mr. Younis Hermès, Regional Delegate of the Aquitaine Region or to Ms. Sylvie Dorange-Lefèvre, Assistant to the Regional Delegate, ("CNRS")</p> <p>CNRS is acting on behalf of the laboratory Archéosciences Bordeaux – UMR6034 (hereinafter referred to as "the Laboratory"), a joint research unit between CNRS and the Université de Bordeaux Montaigne ("UBM"), in the field of archaeological sciences and Cultural Heritage sciences, managed by Ms. Christelle Lahaye and located at Domaine Universitaire F33607 Pessac Cedex (France).</p> <p>As part of the partnership between CNRS and UBM, UBM, as a joint supervisor of Archéosciences Bordeaux, mandated CNRS for the development, negotiation and signing in its name and on its behalf of research contracts and provisions involving this unit; Université Bordeaux Montaigne.</p>	<p style="text-align: center;">Disposizioni generali</p> <p>Dato che il Centre National de la Recherche Scientifique, di seguito denominato CNRS, un istituto scientifico e tecnologico pubblico, i cui uffici amministrativi sono in rue Michel-Ange, n°3, 75794 Paris Cedex 16, Francia, SIRET (sede dell'attività) n° 180089013 04033, NAF (attività principale) codice 7219.Z, rappresentato dal suo Presidente, Sig. Antoine Petit, avendo delegato il potere di firmare il presente Accordo al Sig. Younis Hermès, Delegato Regionale della Regione Aquitania o alla Sig.ra Sylvie Dorange-Lefèvre, Assistente del Delegato Regionale, ("CNRS");</p> <p>Il CNRS agisce per conto del laboratorio Archéosciences Bordeaux – UMR6034 (di seguito denominato "il Laboratorio"), un'unità di ricerca congiunta tra il CNRS e l'Università di Bordeaux Montaigne ("UBM"), nel campo delle scienze archeologiche e delle scienze del patrimonio culturale, gestita dalla Sig.ra Christelle Lahaye e situato presso Domaine Universitaire F33607 Pessac Cedex (Francia).</p> <p>Nell'ambito della partnership tra CNRS e UBM, UBM, in qualità di supervisore congiunto di Archéosciences Bordeaux, ha incaricato il CNRS di sviluppare, negoziare e firmare in suo nome e per suo conto contratti e disposizioni di ricerca che coinvolgono questa unità; Université Bordeaux Montaigne.</p>



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Hereinafter referred to as “CNRS”,

AND

Given that the Department of Earth Sciences of the University of Florence, is a public institution of research and study in the fields of the Earth Sciences, the Archaeometry and Conservation and Valorisation of Cultural Heritage with its head office in Via La Pira, 4 - 50121, Florence (Italy), represent by Prof. **Luca Bindi**, Director, duly empowered for the purpose hereof,

Hereinafter referred to as “DST”,

are hereinafter individually referred to as the “Party” and jointly as the “Parties”.

Whereas

The Parties have each proven complementary skills and know-how in the field of Cultural Heritage and archaeometric investigation:

- For the DST: study of geomaterials of archaeological and cultural interest through the application of non-invasive and micro-invasive analyses;
- For CNRS: applications of non-invasive analysis of hyperspectral imaging on Cultural Heritage.

With the objective to allow students from DST to participate in the research work carried out by CNRS (and in the other way around) with the support of its scientific experts, and thus to improve their knowledge and complete their training (hereinafter referred to as “the Action”) as described in Attachment 1, CNRS accepts to host in its premises students from DST.

Within the framework of the Action, CNRS will host the PhD Dr. **Diletta Paghi** (hereinafter referred to as “the Phd Student”) in his laboratory in the Maison de l'Archéologie, Université Bordeaux Montaigne, with a potential start date on 27th May 2024.

Di seguito denominato “CNRS”,

E

Dato che il Dipartimento di Scienze della Terra dell'Università degli Studi di Firenze, è un'istituzione pubblica di ricerca e studio nell'ambito delle Scienze della Terra, dell'Archeometria e della Conservazione e Valorizzazione del Patrimonio Culturale con sede in Via La Pira, 4 - 50121, Firenze (Italia), rappresentata dal Prof. **Luca Bindi**, Direttore, all'uopo delegato,

Di seguito denominato “DST”,

sono di seguito denominate singolarmente la “Parte” e congiuntamente le “Parti”.

Mentre

Le parti dispongono di competenze e know-how comprovati e complementari nel settore dei Beni Culturali e dell'indagine archeometrica:

- Per il DST: studio dei geomateriali di interesse archeologico e culturale attraverso analisi non invasive e micro-invasive ;
- Per CNRS: applicazioni di analisi non invasive di imaging iperspettrale sui Beni Culturali.

Con l'obiettivo di consentire agli studenti del DST di partecipare al lavoro di ricerca svolto da CNRS (e viceversa) con il supporto dei suoi esperti scientifici, e quindi di migliorare le loro conoscenze e completare la loro formazione (di seguito denominata “l'Azione”) come descritto nell'Allegato 1, CNRS accetta di ospitare nei propri locali studenti provenienti da DST.

Nell'ambito dell'Azione, CNRS accoglierà la dottoranda Dr. **Diletta Paghi** (di seguito “la dottoranda”) presso il suo laboratorio nella Maison de l'Archéologie, Université Bordeaux Montaigne, con una potenziale data di inizio il 27 maggio 2024.



<p>The following has been agreed upon:</p>	<p>È stato concordato quanto segue:</p>
<p style="text-align: center;">Article 1: Purpose of the Agreement</p> <p>The purposes of the Agreement are:</p> <ul style="list-style-type: none">- to subscribe an agreement of joint research for the PhD student Dr. Diletta Paghi;- to establish and develop a scientific cooperation between Italian and foreign research groups with international mobility of PhD students.- to establish the terms and conditions for their collaboration, as well as the respective rights and duty deriving from them.	<p style="text-align: center;">Articolo 1: Scopo dell'Accordo</p> <p>Gli scopi dell'Accordo sono:</p> <ul style="list-style-type: none">- stipulare una convenzione di ricerca congiunta a favore della dottoranda Dr. Diletta Paghi;- instaurare e sviluppare la cooperazione scientifica tra gruppi di ricerca italiani e stranieri attraverso la mobilità dei dottorandi.- stabilire i termini e le condizioni per la loro collaborazione, nonché i rispettivi diritti e obblighi che ne derivano.
<p style="text-align: center;">Article 2: Implementation of the Action</p> <p>2.1 Coordinator Prof. Sandro Moretti is hereby designated as coordinator of the PhD course at the DST (hereinafter referred to as “the Coordinator”).</p> <p>2.1.2. Scientific representatives The scientific representatives (hereinafter referred to as “Scientific Representatives”) responsible for the implementation of the research activities are the following:</p> <p>For CNRS: Prof. Rémy Chapoulie Maison de l'Archéologie Domaine Universitaire, 8 esplanade des Antilles, 33600 Pessac (France) e-mail: remy.chapoulie2@archeovision.cnrs.fr Tel.: +33 (0)5 57 12 46 84 Mobile: +33 06 19 98 76 54</p> <p>For DST: Prof. Marco Benvenuti Department of Earth Sciences Via Giorgio La Pira, 4 50121, Florence (Italy) e-mail: m.benvenuti@unifi.it Tel.: +39 055 2757509 Mobile: +39 3386176257</p>	<p style="text-align: center;">Articolo 2: Attuazione dell'azione</p> <p>2.1 Coordinatore Il Prof. Sandro Moretti è designato quale coordinatore del corso di dottorato presso il DST (di seguito “il Coordinatore”).</p> <p>2.1.2. Rappresentanti scientifici I rappresentanti scientifici (di seguito denominati “Rappresentanti scientifici”) responsabili dell'attuazione delle attività di ricerca sono i seguenti:</p> <p>Per CNRS: Prof. Rémy Chapoulie Maison de l'Archéologie Domaine Universitaire, 8 esplanade des Antilles, 33600 Pessac (Francia) e-mail: remy.chapoulie2@archeovision.cnrs.fr Tel.: +33 (0)5 57 12 46 84 Cellulare: +33 06 19 98 76 54</p> <p>Per DST: Prof. Marco Benvenuti Dipartimento di Scienze della Terra Via Giorgio La Pira, 4 50121, Firenze (Italia) e-mail: m.benvenuti@unifi.it Tel.: +39 055 2757509 Cellulare: +39 3386176257</p>



<p>2.2 Implementation of the research activities</p> <p>2.2.1 To implement the research activities, CNRS will host the PhD Student in its premises at Pessac, Bordeaux, for about 1 month from May 27th, 2024 to June 21th, 2024. The Laboratory commits to:</p> <ul style="list-style-type: none"> - provide an office to the PhD student; - provide the PhD student with an internet access; - involve the PhD student in the Laboratory activities relevant to his professional curriculum and supervise his work. <p>The Laboratory shall provide reasonable assistance to the PhD student in obtaining visas or other permissions from the relevant authorities for the purposes of the secondment.</p> <p>2.2.2. UNIFI commits to:</p> <ul style="list-style-type: none"> - make the PhD student aware and abide the rules and regulations of CNRS, including confidentiality as per article 7 of the Agreement. <p>2.3. Minutes of meetings and reports Regular meetings will be organized by the Scientific Representatives to discuss the progress of the research activities and the conclusions of these meetings will be summarized in a document written by the student. A final report presenting the results obtained as part of the research activities shall be prepared by the student.</p>	<p>2.2 Attuazione delle attività di ricerca</p> <p>2.2.1 Per implementare l'Azione, CNRS ospiterà la dottoranda nei suoi locali a Pessac, Bordeaux, per circa 1 mese dal 27 maggio 2024 al 21 giugno 2024. Il Laboratorio si impegna a:</p> <ul style="list-style-type: none"> - fornire un ufficio al dottorando; - fornire al dottorando un accesso a Internet; - coinvolgere il dottorando nelle attività del Laboratorio attinenti al suo curriculum professionale e sovrintendere al suo lavoro. <p>Il Laboratorio fornirà assistenza al dottorando nell'ottenimento di visti o altri permessi dalle autorità competenti ai fini del distacco.</p> <p>2.2.2. UNIFI si impegna a:</p> <ul style="list-style-type: none"> - sensibilizzare il dottorando a rispettare le norme e i regolamenti di CNRS, ivi inclusa la riservatezza di cui all'articolo 7 dell'Accordo. <p>2.3. Verbali di riunioni e relazioni Saranno organizzati incontri regolari dai Rappresentanti Scientifici per discutere i progressi delle attività scientifiche e le conclusioni di questi incontri saranno riassunte in un documento scritto dalla studentessa. La studentessa redigerà un rapporto finale che presenti i risultati ottenuti nell'ambito delle attività di ricerca.</p>
<p>Article 3: Financial terms and conditions</p> <p>The travel and stay costs of the PhD student are covered by scholarship and by 10% for mobility of which the PhD student is the holder, and no financial contribution shall be requested to CNRS for the implementation of the research activities.</p>	<p>Articolo 3: Termini e condizioni finanziarie</p> <p>Le spese di viaggio, vitto e alloggio che il dottorando sosterrà per lo svolgimento del soggiorno sono coperte da borsa di studio e dal 10% per la mobilità di cui il dottorando è titolare e nessun contributo finanziario sarà richiesto a CNRS per lo svolgimento delle attività di ricerca.</p>
<p>Article 4: Intellectual property</p> <p>The University of Florence acknowledges that all Background and Results generated by the Laboratory are jointly owned by CNRS and UBM.</p>	<p>Articolo 4: Proprietà intellettuale</p> <p>L'Università di Firenze riconosce che tutto il Background e i Risultati generati dal Laboratorio sono di proprietà congiunta di CNRS e UBM.</p>



4.1 Ownership of results

Any results, including information, whether or not they can be protected, arising out of the research provided through this agreement shall be owned by the Party who carried out the work generating the Results, or on whose behalf such work was carried out.

4.2 Joint Ownership

Where employees of assigned to the Laboratory and employees of UNIFI have jointly generated results, and where their respective contribution to the joint results cannot be ascertained, or where it is not possible to separate such joint results for the purpose of applying for, obtaining or maintaining the relevant intellectual property rights protection, they shall have joint ownership of those results, in proportion to their respective contributions to the Action, of whatever nature or kind, unless said Parties were to contractually agree to the related property rights being transferred to one of them.

The joint owners shall establish an agreement regarding the allocation and terms of exercise of that joint ownership.

Unless otherwise agreed:

- each of the joint owners shall be entitled to use their jointly owned Results for non-commercial research activities on a royalty-free basis, and without requiring the prior consent of the other joint owner, to the exclusion of any direct and/or indirect use for commercial purposes, and
- each of the joint owners shall be entitled to otherwise Exploit the jointly owned Results and to grant non-exclusive licenses to third parties (without any right to sub-license), if the other joint owner is given:
 - (a) at least 45 calendar days advance notice; and
 - (b) Fair and Reasonable compensation, in accordance with the terms and conditions previously set out in the co-ownership agreement mentioned below or co-ownership regulations.

The Parties shall specify their terms and conditions of use under a co-ownership agreement or, in the case of New Patents, under co-ownership

4.1 Proprietà dei risultati

Tutti i risultati, comprese le informazioni, proteggibili o meno, derivanti dalla ricerca eseguita attraverso il presente accordo saranno di proprietà della Parte che ha svolto il lavoro che ha generato i Risultati, o per conto della quale tale lavoro è stato svolto.

4.2 Proprietà congiunta

Laddove dipendenti del Laboratorio e dipendenti di UNIFI abbiano generato risultati congiuntamente e non sia possibile accertare il loro rispettivo contributo ai risultati congiunti, o qualora non sia possibile separare tali risultati congiunti allo scopo di richiedere, ottenere o mantenere il relativo tutela dei diritti patrimoniali, essi avranno la comproprietà di tali risultati, in proporzione ai rispettivi contributi all'Azione, di qualsiasi natura, salvo che dette Parti non dovessero contrattualmente convenire che i relativi diritti patrimoniali siano trasferiti ad una di esse.

I comproprietari dovranno stabilire con un accordo l'assegnazione e le condizioni di esercizio di tale comproprietà.

Salvo diverso accordo:

- ciascuno dei comproprietari avrà il diritto di utilizzare i propri Risultati congiunti per attività di ricerca non commerciale a titolo gratuito e senza richiedere il previo consenso dell'altro comproprietario, e
- ciascuno dei comproprietari avrà facoltà di Sfruttare in altro modo i Risultati congiunti e di concedere licenze non esclusive a terzi (senza alcun diritto di sub-licenza), qualora all'altro comproprietario sia concesso:
 - (a) preavviso di almeno 45 giorni di calendario; e
 - (b) una compensazione equa e ragionevole, secondo i termini e le condizioni precedentemente stabiliti nel contratto di comproprietà di seguito menzionato o nel regolamento di comproprietà.

Le Parti specificheranno i propri termini e condizioni di utilizzo in un accordo di comproprietà o, nel caso di Nuovi Brevetti, in un regolamento di



<p>regulations, prior to any effective industrial and commercial use. It is hereby agreed that any direct and/or indirect use by a Party shall imply financial compensation in favour of the other Parties.</p>	<p>comproprietà, prima di qualsiasi effettivo utilizzo industriale e commerciale. Resta inteso che qualsiasi utilizzo diretto e/o indiretto da parte di una Parte comporterà un compenso economico a favore delle altre Parti.</p>
<p>Article 5: Access rights to background and to results</p> <p>5.1 Background 5.1.1 Each Party shall dispose freely of its Background of which it remains the sole owner.</p> <p>5.1 General Principles Any Access Rights granted expressly exclude any rights to sublicense unless expressly stated otherwise. Access Rights shall be free of any administrative transfer costs. Access Rights are granted on a non-exclusive basis.</p> <p>Results and Background shall be used only for the purposes for which Access Rights to it have been granted.</p> <p>The requesting Party must show that the Access Rights are Needed.</p> <p>5.2 Access Rights for implementation Access Rights to Results and Background Needed in order to carry out the Action shall be granted from each Party to the other Party on royalty-free basis, unless otherwise agreed for Background.</p> <p>5.3 Access Rights for Exploitation Access Rights to Results if Needed for Exploitation of a Party's own Results shall be granted on Fair and Reasonable conditions. Access rights to Results for internal research activities shall be granted on a royalty-free basis. Access Rights to Background if needed for Exploitation of a Party's own Results, including for research on behalf of a third party, shall be granted on Fair and Reasonable conditions and compensation.</p>	<p>Articolo 5: Diritti di accesso alle conoscenze preesistenti e ai risultati</p> <p>5.1 Conoscenze preesistenti 5.1.1 Ciascuna Parte dispone liberamente delle proprie Conoscenze preesistenti di cui rimane l'unica proprietaria.</p> <p>5.1 Principi generali Ogni concessione di diritto di accesso esclude espressamente qualsiasi diritto di sublicense, se non diversamente stabilito. I diritti di accesso sono esenti da qualsiasi costo amministrativo di trasferimento. I diritti di accesso sono concessi su base non esclusiva. I risultati e le conoscenze preesistenti devono essere utilizzati solo per gli scopi per i quali sono stati concessi i diritti di accesso.</p> <p>La Parte richiedente deve dimostrare che i Diritti di Accesso sono Necessari.</p> <p>5.2 Diritti di accesso per implementazione I diritti di accesso ai risultati e alle conoscenze preesistenti necessari per eseguire l'azione sono concessi da ciascuna parte all'altra parte a titolo gratuito, salvo diverso accordo per il background.</p> <p>5.3 Diritti di accesso per uso e sfruttamento I diritti di accesso ai risultati, se necessari per uso e sfruttamento dei risultati di una delle parti, saranno concessi a condizioni eque e ragionevoli. I diritti di accesso ai Risultati per le attività di ricerca interna sono concessi a titolo gratuito. I diritti di accesso al background se necessari per l'uso o sfruttamento dei risultati di una parte, anche per la ricerca per conto di terzi, saranno concessi a condizioni eque e ragionevoli.</p>



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Article 6: - Publications

6.1 General principles

For the avoidance of doubt, nothing in this Article has impact on the confidentiality obligations set out in Article 7.

Publications related to the work carried-out in common within the framework of this Agreement shall mention the connection with the Parties hereto.

6.2 Publication of Results

During the term of the AGREEMENT and 6 months after following its expiry, prior notice of any planned publication shall be given to the other Party and approved in writing by the latter, who must notify its decision at least 45 calendar days after the request. After this period and if no response is received, authorization will be considered to be given.

6.3 Objections

Any objection to the planned publication shall be made in writing to the Party proposing the dissemination within 30 calendar days after receipt of the notice.

If no objection is made within the time limit stated above, the publication is permitted.

An objection is justified if:

- (a) the protection of the objecting Party's Results or Background would be adversely affected
- (b) the objecting Party's legitimate interests in relation to the Results or Background would be significantly harmed.

The objection has to include a precise request for necessary modifications.

If an objection has been raised the Parties shall discuss how to overcome the justified grounds for the objection on a timely basis (for example by amendment to the planned publication and/or by protecting information before publication) and the objecting Party shall not unreasonably continue the opposition if appropriate measures are taken following the discussion.

Articolo 6: - Pubblicazioni

6.1 Principi generali

A scanso di equivoci, nulla in questo articolo ha un impatto sugli obblighi di riservatezza di cui all'articolo 7.

Le pubblicazioni relative ai lavori svolti in comune nell'ambito del presente Accordo menzioneranno il collegamento con le Parti contraenti.

6.2 Pubblicazione dei risultati

Nel corso della durata del CONTRATTO e nei 6 mesi successivi alla sua scadenza, ogni prevista pubblicazione dovrà essere preventivamente comunicata all'altra Parte e approvata per iscritto da quest'ultima, che dovrà comunicare la propria decisione almeno 45 giorni di calendario dalla richiesta. Decorso tale termine e in assenza di risposta, l'autorizzazione si riterrà concessa.

6.3 Obiezioni

Qualsiasi opposizione alla pubblicazione prevista deve essere fatta per iscritto alla Parte proponente la diffusione entro 30 giorni di calendario dal ricevimento della comunicazione. Se non viene fatta opposizione entro il termine sopra indicato, la pubblicazione è consentita.

L'obiezione è giustificata se:

- (a) la protezione dei risultati o del contesto della parte che obietta sarebbe pregiudicata
- (b) gli interessi legittimi della Parte obiettante in relazione ai Risultati o al Contesto sarebbero significativamente danneggiati.

L'obiezione deve contenere una precisa richiesta delle necessarie modifiche.

Se è stata sollevata un'obiezione, le parti discutono su come superare tempestivamente i motivi giustificanti l'obiezione (ad esempio modificando la pubblicazione prevista e/o proteggendo le informazioni prima della pubblicazione) e la parte che fa obiezione non può irragionevolmente mantenere ferma l'opposizione, se a seguito della discussione vengono presi opportuni provvedimenti.



However, if changes are made, they must not compromise the scientific value of the publication.

If the information contained in the publication or communication must be protected as industrial property, one of the PARTIES may delay the publication or communication for a maximum period of 18 months starting from the request.

These provisions may not serve as an obstacle:

- Either to the obligation of each of the individuals taking part in the Action to produce an activity report to the authorities to which they belong, to the extent that such communication does not constitute a disclosure as defined in industrial property laws; or
- The thesis defense of researchers and engineers, such defense will have to be organized each time it is necessary so as to guarantee, all the while complying with applicable university regulations, the confidentiality of the Confidential Information.

6.4 Dissemination of another Party's unpublished Results or Background

A Party shall not include in any dissemination activity another Party's Results or Background without obtaining the owning Party's prior written approval, unless they are already published.

6.5 Cooperation obligations

The Parties undertake to cooperate to allow the timely submission, examination, publication and defence of any dissertation or thesis for a degree that includes their Results or Background subject to the confidentiality and publication provisions agreed in this Agreement.

6.6 Use of names, logos or trademarks

Nothing in this Agreement shall be construed as conferring rights to use in advertising, publicity or otherwise the name of the Parties or any of their logos or trademarks without their prior written approval.

Eventuali modifiche, tuttavia, non devono compromettere il valore scientifico della pubblicazione.

Se le informazioni contenute nella pubblicazione o comunicazione devono essere protette come proprietà industriale, una delle PARTI può ritardare la pubblicazione o comunicazione per un periodo massimo di 18 mesi a decorrere dalla richiesta.

Queste disposizioni non possono costituire un ostacolo:

- Sia all'obbligo di ciascuno dei soggetti partecipanti all'Azione di produrre una relazione di attività alle autorità di appartenenza, nella misura in cui tale comunicazione non costituisca una divulgazione ai sensi delle leggi sulla proprietà industriale; o
- La discussione di tesi di ricercatori ed ingegneri, tale difesa dovrà essere organizzata ogni volta che si renda necessario in modo da garantire, nel rispetto della normativa universitaria applicabile, la riservatezza delle Informazioni Riservate.

6.4 Divulgazione di Risultati o Background non pubblicati di un'altra Parte

Una Parte non deve includere in alcuna attività di diffusione i Risultati o il Background di un'altra Parte senza ottenere la previa approvazione scritta della Parte proprietaria, a meno che non siano già stati pubblicati.

6.5 Obblighi di cooperazione

Le Parti si impegnano a collaborare per consentire la tempestiva presentazione, esame, pubblicazione e difesa di qualsiasi dissertazione o tesi di laurea che includa i propri Risultati o Background, fatte salve le disposizioni di riservatezza e pubblicazione concordate nel presente Accordo.

6.6 Uso di nomi, loghi o marchi

Nulla nel presente Contratto può essere interpretato come conferimento di diritti di utilizzo, fare pubblicità o altro del nome delle Parti o di uno qualsiasi dei loro loghi o marchi senza la rispettiva previa approvazione scritta.



Article 7: Confidentiality

7.1 Confidentiality

A Party (hereinafter the “Disclosing Party”) may have cause to disclose confidential information to another Party (hereinafter the “Receiving Party”).

The Parties agree to treat as confidential all information disclosed by one of the Parties to the other including in particular the Background (hereinafter referred to as the “Confidential Information”), regardless of the object, nature, medium and method of transmission, provided that:

- if it is transmitted on a medium, it is designated as “Confidential Information” of the Disclosing Party by affixing or adding a “Confidential” stamp to the medium or any other appropriate designation understandable by the Parties and adapted to the medium;
- if it is transmitted verbally, the fact that it was “confidential information” was brought to the attention of the Receiving Party at the time of their disclosure and designated as such in the minutes of the meeting during which the information was disclosed, or in case of impossibility, confirmed in writing within thirty (30) days of the disclosure, with the understanding that in the meantime such information must be treated by the Receiving PARTY as Confidential Information.

The Parties acknowledge that the Results are not considered Confidential Information as defined in this section. However, the terms of their disclosure are governed by the “Publications” section.

7.1.1 Each Party shall only provide the other Party with the Confidential Information that it deems to be required for implementation of the research, subject to third party rights.

7.1.2 No provision of the Agreement may be construed as obliging any Party to disclose

Articolo 7: Riservatezza

7.1 Riservatezza

Una Parte (di seguito la “Parte Divulgante”) può avere motivo di divulgare informazioni riservate a un'altra Parte (di seguito la “Parte Ricevente”).

Le Parti si impegnano a trattare come riservate tutte le informazioni divulgate da una delle Parti all'altra, compreso in particolare i Precedenti (di seguito “Informazioni riservate”), indipendentemente dall'oggetto, dalla natura, dal mezzo e dal metodo di trasmissione, a condizione che:

- se vengono trasmesse su un supporto, vengono designate come “Informazioni riservate” della Parte divulgante mediante l'apposizione o l'aggiunta di un timbro “Riservato” sul supporto o qualsiasi altra designazione adeguata comprensibile alle Parti e adattata al supporto;
- se trasmesse oralmente, il fatto che si tratti di “informazioni riservate” è stato portato a conoscenza della Parte Ricevente al momento della loro divulgazione e indicato come tale nel verbale della riunione nel corso della quale l'informazione è stata divulgata, o in caso di impossibilità, confermate per iscritto entro trenta (30) giorni dalla comunicazione, fermo restando che nel frattempo tali informazioni dovranno essere trattate dalla PARTE Ricevente come Informazioni Riservate.

Le Parti riconoscono che i Risultati non sono considerati Informazioni Riservate come definite nella presente sezione. I termini della loro divulgazione sono comunque regolati nella sezione “Pubblicazioni”.

7.1.1 Ciascuna Parte fornirà all'altra Parte solo le Informazioni riservate che ritiene necessarie per l'attuazione della ricerca, fatti salvi i diritti di terzi.

7.1.2 Nessuna disposizione del Contratto può essere interpretata come obbligatoria una Parte a



Confidential Information to the other Party, with the exception of the information required for implementing the Action.

7.1.3 The Party which receives Confidential Information from the other Party undertakes, during the term of the Agreement and for a period of five (5) years after the contractual term provided or after the termination of the Agreement, to ensure that the Confidential Information originating from the Party disclosing it:

- is kept strictly confidential and is protected in the same manner as its own Confidential Information;
 - is only provided to the members of its staff which have to be familiar therewith and is not to be used, in full or in part, for the purposes set forth in the Agreement, without the prior written consent of the Disclosing Party;
 - Is copied, reproduced, or duplicated totally or partially only for the purposes of achieving the research and with the prior written consent of the Disclosing Party.
- Any and all other disclosure or use of the Confidential Information shall require the prior, written agreement of the Party disclosing it.

7.1.4 All the Confidential Information and its reproductions, sent by one Party to the other pursuant to the Agreement shall remain the property of the Party disclosing it, subject to third party rights, and shall be immediately returned to this Party at its request.

7.1.5 The Party receiving the Confidential Information may disclose Confidential Information for which it is able to provide proof:

- that it was in the public domain prior to its disclosure or subsequent to it, and without any negligence being attributable to it;
- that it was already in its possession prior the execution of the Agreement;
- that it was received lawfully from a third party;
- that use or disclosure was authorised in writing by the Party from which it originated;

divulgare Informazioni Riservate all'altra Parte, ad eccezione delle informazioni richieste per l'attuazione dell'Azione.

7.1.3 La Parte che riceve Informazioni Riservate dall'altra Parte si impegna, durante la durata del Contratto e per un periodo di cinque (5) anni successivi alla scadenza contrattuale prevista o dopo la risoluzione del Contratto, a garantire che le Informazioni Riservate provenienti dall'altra Parte che lo ha divulgato:

- sia mantenuta strettamente confidenziale e protetta allo stesso modo delle proprie Informazioni Riservate;
 - viene fornito solo ai membri del proprio personale che devono avere familiarità con esso e non deve essere utilizzato, in tutto o in parte, per gli scopi previsti dal Contratto, senza il preventivo consenso scritto della Parte Divulgante;
 - Viene copiato, riprodotto o duplicato totalmente o parzialmente solo ai fini della realizzazione della ricerca e previo consenso scritto della Parte Divulgante.
- Qualsiasi altra divulgazione o utilizzo delle Informazioni riservate richiederà il previo consenso scritto della Parte che le divulga.

7.1.4 Tutte le Informazioni Riservate e le loro riproduzioni, inviate da una Parte all'altra ai sensi del Contratto, rimarranno di proprietà della Parte che le divulga, fatti salvi i diritti di terzi, e saranno immediatamente restituite a questa Parte su sua richiesta.

7.1.5 La Parte che riceve le Informazioni riservate può divulgare Informazioni riservate per le quali è in grado di fornire prova:

- che era di pubblico dominio prima o dopo la sua divulgazione, e senza che vi fosse imputabile alcuna negligenza;
- che era già in suo possesso prima dell'esecuzione del Contratto;
- che è stato ricevuto legittimamente da un terzo;
- che l'uso o la divulgazione sia stato autorizzato per iscritto dalla Parte da cui ha avuto origine;



<p>- that it was developed independently and in good faith by the staff of the Party receiving it without such staff having access to said Confidential Information.</p> <p>- that it was disclosed in order to comply with a mandatory law or regulation or with a competent court, administrative authority or court of arbitration order, provided the Party having to disclose such Confidential Information had previously informed the Owner Party and both Parties had agreed upon the legal means to limit as far as possible such disclosure of Confidential Information.</p> <p>7.1.6 No provision of this Agreement implies:</p> <ul style="list-style-type: none"> - a waiver of the Confidential Information protection by a patent or by any and all other intellectual property right for the Party disclosing it; - a transfer nor a concession of any right over this information by the Party disclosing it in favor of the other Party. 	<p>- che è stato sviluppato in modo indipendente e in buona fede dal personale della Parte che lo riceve senza che tale personale abbia accesso a dette Informazioni Riservate.</p> <p>- che sono state divulgate per ottemperare a una legge o regolamento imperativo o con un tribunale, un'autorità amministrativa o un tribunale arbitrale competente, a condizione che la Parte che deve divulgare tali Informazioni Riservate abbia preventivamente informato la Parte Proprietaria ed entrambe le Parti abbiano concordato i mezzi legali per limitare per quanto possibile tale divulgazione di Informazioni Riservate.</p> <p>7.1.6 Nessuna disposizione del presente Contratto implica:</p> <ul style="list-style-type: none"> - una rinuncia alla tutela delle Informazioni Riservate da un brevetto o da ogni altro diritto di proprietà intellettuale della Parte che le divulga; - un trasferimento né una concessione di alcun diritto su tali informazioni da parte della Parte che le divulga a favore dell'altra Parte.
<p style="text-align: center;">Article 8: Insurance Procedure</p> <p>The materials and equipment made available by a Party to the others or funded by that Party in the frame of a separate agreement, shall remain the property of the latter.</p> <p>8.1 The participants to the research, while exercising the activities provided for in the research, must have both accident insurance and a third-party liability insurance for unintentional damage, hereby releasing the host institution from any liability to this regard.</p> <p>Such insurance coverage may be either provided by the home institutions, according to its own regulations, or contained in a policy covering the above-mentioned risks obtained by the interested PhD student from an insurance company. For what concerns health insurance (coverage for medical expenses and/or hospitalization) the PhD</p>	<p style="text-align: center;">Articolo 8: Responsabilità - Assicurazione</p> <p>I materiali e le attrezzature messi a disposizione da una Parte alle altre o finanziati da quella Parte nell'ambito di un accordo separato, rimarranno di proprietà di queste ultime.</p> <p>8.1 I partecipanti alla ricerca dovranno essere assicurati, nell'esercizio delle attività previste dal presente accordo, per i rischi derivanti da infortuni e responsabilità civile per danni a terzi, sollevando l'ente ospitante da eventuali responsabilità.</p> <p>Le coperture assicurative potranno essere realizzate sia presso l'università di appartenenza, secondo il proprio regolamento, sia tramite polizza assicurativa stipulata direttamente dal dottorando per la copertura dei rischi suddetti. per la copertura assicurativa relativa alle spese sanitarie e/o di ospedalizzazione, il dottorando</p>



<p>student must provide his own insurance according to the rules of the host country.</p> <p>8.1.1 Each Party undertakes to carry out its share of the Action in accordance with the obligation of due care binding upon it.</p> <p>8.1.2 The Parties mutually waive entitlement to claim compensation from one another for consequential and immaterial loss that may occur pursuant to the Agreement.</p> <p>8.2 Parties' staff Each Party shall be responsible for the cover of its staff in accordance with the applicable legislation in respect of social security, industrial accident and occupational disease schemes to which it is affiliated and shall carry out the formalities for which is it responsible.</p> <p>During the course of the action the student shall be requested to work in the Laboratory. During her stay in the Laboratory premises, she will be subject to the local rules of procedure and shall comply with the rules of hygiene and safety of the Laboratory and to technical instructions concerning equipment .</p> <p>UNIFI commits itself to have the student respect the instructions concerning the use of equipment and facilities, such as specific operating instructions, schedules, risks and protection.</p> <p>Each Party shall however continue to be bound, with regard to the staff which it pays, by all of the employer's social welfare and tax obligations and to exercise toward the staff all the administrative requirements of management (assessment, promotion, discipline etc.). The hosting establishment shall provide any useful guidance to the employer.</p> <p>8.3 Damage/loss caused to Parties' property Each Party is responsible for the direct damage/loss it may cause to the other Party's moveable or immovable property, caused by the performance of the Agreement.</p>	<p>dovrà provvedere per proprio conto secondo le regole del paese ospitante.</p> <p>8.1.1 Ciascuna Parte si impegna a svolgere la propria parte dell'azione in conformità con l'obbligo di diligenza vincolante per essa.</p> <p>8.1.2 Le parti rinunciano reciprocamente al diritto di richiedere l'indennizzo reciproco per perdite consequenziali e immateriali che potrebbero verificarsi ai sensi del contratto.</p> <p>8.2 Personale Delle Parti Ciascuna Parte è responsabile della copertura del proprio personale in conformità della legislazione applicabile in materia di sicurezza sociale, infortuni sul lavoro e regimi di malattia professionale a cui è affiliata ed espleta le formalità di sua competenza.</p> <p>Nel corso dell'azione lo studente sarà invitato a lavorare nei locali del Laboratorio. Durante la sua permanenza nei locali del Laboratorio, sarà soggetto alle norme procedurali locali e dovrà rispettare le regole di igiene e sicurezza del Laboratorio.</p> <p>UNIFI si impegna a far rispettare alla studentessa le istruzioni relative all'uso delle attrezzature e delle strutture, quali specifiche istruzioni operative, orari, rischi e protezioni.</p> <p>Ciascuna Parte continuerà tuttavia ad essere vincolata, nei confronti del personale da essa retribuito, a tutti gli obblighi sociali e fiscali del datore di lavoro e ad esercitare nei confronti del personale tutti gli obblighi amministrativi di gestione (valutazione, promozione, disciplina ecc.). L'istituto ospitante fornisce ogni utile orientamento al datore di lavoro.</p> <p>8.3 Danni/Perdite causati alla proprietà delle Parti Ciascuna Parte è responsabile del danno/perdita che può causare ai beni mobili o immobili dell'altra parte, durante l'esecuzione dell'Accordo.</p>
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8.4 Damage/loss caused to third parties

Each Party shall bear all the financial consequences of the civil liability that it incurs under civil law arising from any and all bodily injury or or loss and damage to materials caused to third parties during the works carried-out pursuant to the Agreement.

8.5 Insurance

The participants to the exchanges, while exercising the activities provided for in the agreement, must have both accident insurance and third-party liability insurance for unintentional damage, hereby releasing the host party from any liability to this regard.

Such insurance coverage may be either provided by the home institutions, according to their own regulations, or contained in a policy covering the above-mentioned risks obtained by the interested person from an insurance company.

For what concerns health insurance (coverage for medical expenses and/or hospitalization) the participants must provide their own insurance according to the rules of the host country.

For specific needs related to insurance coverage for civil liability in the medical-health field, special supplementary agreements will be drawn up between the parties.

8.4 Danni/perdite causate a terzi

Ciascuna Parte sopporterà tutte le conseguenze patrimoniali della responsabilità civile che incorre ai sensi del diritto civile derivante da ogni e qualsiasi lesione fisica o danno fisico cagionato a terzi nel corso dei lavori eseguiti ai sensi dell'Accordo.

8.5 Assicurazione

I partecipanti agli scambi, nell'esercizio delle attività previste dall'Accordo, devono essere in possesso sia di un'assicurazione contro gli infortuni che di un'assicurazione di responsabilità civile per danni involontari, con la presente esonera la Parte ospitante da ogni responsabilità al riguardo.

Tale copertura assicurativa può essere sia fornita dagli enti di appartenenza, secondo i propri regolamenti, sia contenuta in una polizza a copertura dei suddetti rischi ottenuta dall'interessato presso una compagnia di assicurazioni.

Per quanto riguarda l'assicurazione sanitaria (copertura per spese mediche e/o ricovero) i partecipanti devono fornire la propria assicurazione secondo le regole del paese ospitante.

Per specifiche esigenze legate alla copertura assicurativa per la responsabilità civile in ambito medico-sanitario, verranno stipulati tra le parti apposite convenzioni integrative

Article 9: Processing of personal data

9.1 The personal data relating to this agreement and to further communications, provided by the parties, will be processed and treated for institutional purposes in accordance with the General Data Protection Regulation (GDPR) – EU Regulation 2016/679.

9.2. The parties, as data subjects, may exercise their rights anytime according to the GDPR. For the University of Florence please see <https://www.unifi.it/cmpro-v-p-11360.html>

Articolo 9: Trattamento dei dati personali

9.1 I dati personali relativi al presente accordo sono raccolti e trattati per fini istituzionali delle parti in conformità agli artt. 13 e 14 del Regolamento UE 2016/679 - Regolamento Generale sulla protezione dei dati - General Data Protection Regulation (GDPR).

9.2. Ai contraenti spettano i diritti previsti dallo stesso Regolamento. Per l'Università degli Studi di Firenze visionare il link <https://www.unifi.it/cmpro-v-p-11360.html>



<p>For CNRS please see the link https://www.cnrs.fr/fr/rgpd</p>	<p>Per CNRS visionare il link https://www.cnrs.fr/fr/rgpd</p>
<p>Article 10: Duration</p> <p>The Agreement is executed for the total duration of the Action, i.e. 24 months, and shall take effect as of 27th May 2024.</p> <p>The provisions of Articles 6, 7, 8 and 14 shall survive for their own term, notwithstanding the expiry or termination of the Agreement.</p>	<p>Articolo 10: Durata</p> <p>L'Accordo è stipulato per l'intera durata dell'Azione, ovvero 24 mesi, ed entrerà in vigore a partire dal 27 maggio 2024.</p> <p>Le disposizioni degli articoli 6, 7, 8 e 14 sopravvivono per la loro durata, nonostante la scadenza o la risoluzione del Contratto.</p>
<p>Article 11: Termination</p> <p>In the event that a Party were to breach any of its obligations hereunder, the other Party may terminate the Agreement vis-à-vis the defaulting Party if, within 15 days of a registered letter with acknowledgment of receipt having been sent, the defaulting Party has still failed to comply with its obligations.</p> <p>The defaulting Party undertakes to provide the other Party with all the information required to continue the implementation of the Action in its stead free-of-charge.</p> <p>The exercise of this right of termination shall not discharge the defaulting Party from fulfilling its contractual obligations up to the effective termination date, subject to any damage/loss that may be suffered by the other Party owing to the partial termination of the Agreement and from providing the appropriate licences to its Own, New Knowledge, Joint New Knowledge as specified in article 5.</p>	<p>Articolo 11: Risoluzione</p> <p>Nel caso in cui una Parte dovesse violare uno qualsiasi dei suoi obblighi qui di seguito, l'altra Parte può risolvere il Contratto nei confronti della Parte inadempiente se, entro 15 giorni dall'invio di una lettera raccomandata con avviso di ricevimento, la Parte inadempiente non ha ancora adempiuto ai suoi obblighi.</p> <p>La Parte inadempiente si impegna a fornire gratuitamente all'altra Parte tutte le informazioni necessarie per proseguire l'attuazione dell'Azione in sua vece.</p> <p>L'esercizio di tale diritto di recesso non esonera la Parte inadempiente dall'adempimento delle proprie obbligazioni contrattuali fino alla data di cessazione effettiva, fermo restando l'eventuale danno/perdita che l'altra Parte dovesse subire a causa della risoluzione parziale del Contratto e dal fornire le licenze appropriate per le proprie, nuove conoscenze, nuove conoscenze comuni come specificato nell'articolo 5.</p>
<p>Article 12: Force majeure</p> <p>12.1 "Force majeure" means any unforeseeable and exceptional event affecting the performance of the Agreement, which is outside the control of</p>	<p>Articolo 12: Forza maggiore</p> <p>12.1 Per "forza maggiore" si intende qualsiasi evento imprevedibile ed eccezionale che influisca sull'esecuzione del Contratto, che sia al di fuori del</p>



<p>the Parties, and which cannot be avoided in spite of the efforts that the Parties may reasonably make. No Party shall be liable for total or partial failure to comply with its obligations if such is caused by an event of force majeure.</p> <p>12.2 The Party invoking an event of force majeure shall advise in writing the other Party thereof promptly of the occurrence of said event, to inform it of the delay or of the failure to perform that has occurred as a result of the event of force majeure, mentioning the nature of the event, how long it is likely to last and any action taken to avoid it or to minimize its effects.</p> <p>12.3 Where applicable, the lead-times for carrying-out the Action may be extended by joint agreement between the Parties.</p>	<p>controllo delle Parti e che non possa essere evitato nonostante gli sforzi che le Parti possono ragionevolmente compiere. Nessuna Parte sarà responsabile per l'inadempimento totale o parziale dei propri obblighi se ciò è causato da un evento di forza maggiore.</p> <p>12.2 La Parte che invoca un evento di forza maggiore dovrà avvisare tempestivamente per iscritto l'altra Parte del verificarsi di tale evento, informarla del ritardo o dell'inadempimento intervenuto in conseguenza dell'evento di forza maggiore, menzionando la natura dell'evento, la sua probabile durata e le eventuali azioni intraprese per evitarlo o minimizzarne gli effetti.</p> <p>12.3 Ove applicabile, i tempi di esecuzione dell'Azione possono essere prorogati di comune accordo tra le Parti.</p>
<p style="text-align: center;">Article 13: Intuitu personae</p> <p>The Agreement is executed intuitu personae. Consequently, no Party is authorised to transfer all or part of the rights and obligations hereunder to a third party without the prior and written agreement of the other Party.</p>	<p style="text-align: center;">Articolo 13: Intuitu personae</p> <p>Il Contratto è stipulato intuitu personae. Di conseguenza, nessuna Parte è autorizzata a trasferire tutti o parte dei diritti e degli obblighi di cui al presente a una terza parte senza il previo consenso scritto dell'altra Parte.</p>
<p style="text-align: center;">Article 14: Governing law – Disputes</p> <p>14.1 The Agreement is governed by the French law.</p> <p>14.2 In the event of a disagreement as regards the validity, interpretation or performance of the Agreement, the Parties shall endeavour to resolve their dispute amicably through the Scientific Representatives, and subsequently through their respective management.</p> <p>14.3 Any dispute which the Parties have failed to settle by mutual agreement within a period of thirty (30) days from the start of the first amicable discussion shall be referred to the French Courts having jurisdiction.</p>	<p style="text-align: center;">Articolo 14: Legge applicabile – Controversie</p> <p>14.1 Il Contratto è regolato dalla legge francese</p> <p>14.2 In caso di disaccordo in merito alla validità, interpretazione o esecuzione del Contratto, le Parti si adoperano per risolvere amichevolmente la controversia tramite i Rappresentanti Scientifici e, successivamente, tramite i rispettivi dirigenti.</p> <p>14.3 Qualsiasi controversia che le Parti non abbiano risolto di comune accordo entro un termine di trenta (30) giorni dall'inizio della prima discussione amichevole sarà deferita ai tribunali francesi competenti.</p>



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<p align="center">Article 15: Language of the Agreement</p> <p>The Agreement has been drawn up in 1 (one) bilingual version (English/Italian).</p>	<p align="center">Articolo 15: Lingua dell'accordo</p> <p>L'Accordo è stato redatto in 1 (una) versione bilingue (Inglese Italiano).</p>
<p>Attachments:</p> <p>The following documents are attached to the Agreement and form an integral part hereof: - Attachment 1: Description of the Research</p> <p>In the event of a conflict or difference between the body of the Agreement and its Attachment, the body of the Agreement shall prevail.</p> <p>Printed and signed in two (2) originals.</p>	<p>Allegati:</p> <p>I seguenti documenti sono allegati al presente Accordo e ne costituiscono parte integrante: - Allegato 1: Descrizione della Ricerca</p> <p>In caso di conflitto o differenza tra il corpo dell'Accordo e il suo Allegato, prevarrà il corpo dell'Accordo.</p> <p>Stampato e firmato in due (2) originali.</p>
<p>For CNRS</p> <p>.....</p> <p>Mr. Younis HERMÈS Délégué régional</p>	<p>For UNIFI</p> <p>.....</p> <p>Prof. Luca Bindi Director of the Department of Earth Sciences</p>
<p>Scientific Tutor, Laboratory, Maison de l'Archeologie</p> <p>.....</p> <p>Prof. Rémy Chapoulie</p>	<p>Tutor Scientifico, DST, University of Florence</p> <p>.....</p> <p>Prof. Marco Benvenuti</p>
<p>PhD student</p> <p>.....</p> <p>Dr. Diletta Paghi</p>	<p>Coordinator of the PhD course</p> <p>.....</p> <p>Prof. Sandro Moretti</p>



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Attachment 1: Description of the Action

In the study of Cultural Heritage, particular attention is paid to the use of non-invasive analysis techniques, which allow the characterization of the sample without compromising its integrity. Among these, spectral imaging systems have been used as a tool for the non-invasive characterization of Cultural Heritage, allowing the collection of chemical information on materials without sampling. In particular, Hyperspectral Imaging has played an important role in recent years thanks to its flexibility as a rapid and accurate mapping method. Hyperspectral Imaging (HSI) in the spectral region from near ultraviolet (NUV) to near infrared (NIR) is a well-known technique applied in different scientific fields. It allows spectral mapping and geochemical analysis of a surface. It is therefore possible to apply a simultaneous investigation of a considerable number of artefacts, as well as the mapping of large surfaces and the rapid production of large datasets.

VIS-NIR HSI is useful for detecting pigments and dyes on different materials such as miniatures, engravings, tapestries, paintings and glazed ceramics. In particular, glazed ceramics represent a large part of the Italian Cultural Heritage that is still little studied and enhanced. The application of hyperspectral investigations can represent a fundamental resource to enlarge the knowledge about the production techniques and materials, as well as for characterizing decorative pigments and their evolution over time. Some preliminary studies have highlighted the effectiveness of this technique in the characterization and discrimination of different types of glazes and pigments, especially if accompanied by other non-invasive and micro-invasive analysis such as XRF, SEM-EDS, IBA and Raman.

During her stay at the Laboratory (France), the Ph.D. student Diletta Paghi will work on Hyperspectral Imaging analysis applied to a group of maiolica shards from Montelupo Fiorentino (13th-18th century). In particular, the main objectives will concern:

- Acquisition of hyperspectral images using a SPECIM camera;
- Processing of the collected spectra using statistical models;
- Construction of a preliminary database on the pigments used in tin-glazed artifacts.

Moreover, additional analysis using other instruments available at AB could be performed according to the obtained results and in agreement with the scientific representatives.

This research develops an innovative approach to the characterization of glazes and pigments used in the production of Italian maiolica and the opportunity to begin the construction of a reference database that may be useful for future characterization and authentication studies on these artifacts of the Italian Cultural Heritage.



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>

30 luglio 2024 alle ore 15:03

A: Emanuele Intriери <emanuele.intriери@unifi.it>

Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnrs-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear All,

I approve all the three points,

Regards,

Maria Laura Balestrieri

Il giorno mar 30 lug 2024 alle ore 13:04 Emanuele Intriери <emanuele.intriери@unifi.it> ha scritto:

Dear All,

I think that both candidates have the needed requisites to be enrolled so I approve their admission.

I also approve the other two points.

Best regards,

Emanuele

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
- 3. Agreements of Scientific Cooperation.**

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the "HORIZON Marie Skłodowska Curie Doctoral Networks", project: "The doctoral rift science network for the energy transition" TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: “**Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift**”.
- Dr. Chandresh Reha has a research grant on: “**Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy**”.

Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szakolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
- The student **Dr. Alessio Gatto** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of vulnerability, resilience and risk perception in hazardous areas with geological risks. The British Geological Survey, Nottingham, UK (BGS) is willing to host the student under the supervision of Dr. Roxana Ciurean, for 4 months, starting from September 2024. Please find attached the draft agreement with the BGS (Att. 3).
- The student **Dr. Diletta Paghi** asks authorization (at ratification) to subscribe to an agreement for joint research with the Centre National de la Recherche Scientifique (CNRS), Paris, France, to carry out scientific activities in the laboratory of Archéosciences Bordeaux. The field of research is the archaeological sciences and Cultural Heritage sciences. Supervisor: Prof. Rémy Chapoulie, Maison de l'Archéologie Domaine Universitaire, Pessac (France). Period of stay: May-June 2024. Please find attached the Agreement of joint research with the Centre National de la Recherche Scientifique (CNRS) and University of Florence-DST (Att. 4).

Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--

Serena Cartei

Dipartimento di Scienze della Terra
Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

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Emanuele Intrieri

Professore Associato

UNIVERSITÀ DEGLI STUDI DI FIRENZE

Dipartimento di Scienze della Terra (DST)



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Da un secolo, oltre.

HR EXCELLENCE IN RESEARCH

--

Dr. Maria Laura Balestrieri
Istituto di Geoscienze e Georisorse (Institute of Geosciences and Earth Resources)

Consiglio Nazionale delle Ricerche (National Research Council of Italy)
Via G. La Pira, 4
50121 Firenze
Italia

Tel: +39 055 2757531

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

claudio de luca <deluca.c@irea.cnr.it>

30 luglio 2024 alle ore 17:56

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnrs-orleans.fr>, Carsten Münker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear All,

I approve all three points.

Best regards.

Claudio

Il giorno 30 lug 2024, alle ore 12:32, Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

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50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008

<Att_4.pdf><Att_3.pdf><Att_2.pdf><Att_1.pdf>



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Marco Benvenuti <ma.benvenuti@unifi.it>

30 luglio 2024 alle ore 13:17

A: Emanuele Intriери <emanuele.intriери@unifi.it>

Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnrs-orleans.fr>, Carsten Münker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve the three points

--

Marco Benvenuti

Professore Associato

055 2757516

UNIVERSITÀ DEGLI STUDI DI FIRENZE

Dipartimento di Scienze della Terra (DST)

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C.F. 01279680480



Da un secolo, oltre.

--

Il giorno mar 30 lug 2024 alle ore 13:04 Emanuele Intriери <emanuele.intriери@unifi.it> ha scritto:

Dear All,

I think that both candidates have the needed requisites to be enrolled so I approve their admission.
I also approve the other two points.

Best regards,
Emanuele

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,
on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
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1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

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In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

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Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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Thank you for your participation,

Best Regards,

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Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra
Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

Emanuele Intrieri

Professore Associato

UNIVERSITÀ DEGLI STUDI DI FIRENZE

Dipartimento di Scienze della Terra (DST)



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DEGLI STUDI
FIRENZE



Da un secolo, oltre.

HR EXCELLENCE IN RESEARCH

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Marco Benvenuti <m.benvenuti@unifi.it>

30 luglio 2024 alle ore 13:43

A: Serena Cartei <serena.cartei@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>

I approve all the three points in the Agenda

Marco Benvenuti (GEOS-01/D)

Inviato da iPad

Il giorno 30 lug 2024, alle ore 12:30, Serena Cartei <serena.cartei@unifi.it> ha scritto:

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So please answer: **I approve, or I do not approve**.

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Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

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50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

<Att_4.pdf>

<Att_3.pdf>

<Att_2.pdf>

<Att_1.pdf>



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Raymond Bernor <rlbernor@gmail.com>

31 luglio 2024 alle ore 05:39

A: Franco Tassi <franco.tassi@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Antonella Bucciatti <antonella.bucciatti@unifi.it>, Bruno Scaillet <bscaille@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Roberto Tomás Jover <roberto.tomas@ua.es>, "Rossi, Giuliana" <grossi@ogs.it>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Serena Cartei <serena.cartei@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve

Dr Raymond LBernor Professor

On Tue, Jul 30, Reiwa 6 at 22:16 Franco Tassi <franco.tassi@unifi.it> wrote:

I approve
Regards
Franco Tassi

Il Mar 30 Lug 2024, 15:03 Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it> ha scritto:

Dear All,
I approve all the three points,
Regards,
Maria Laura Balestrieri

Il giorno mar 30 lug 2024 alle ore 13:04 Emanuele Intrieri <emanuele.intrieri@unifi.it> ha scritto:

Dear All,

I think that both candidates have the needed requisites to be enrolled so I approve their admission.
I also approve the other two points.

Best regards,
Emanuele

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:
Prot. n. 179328/2024

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Professore Associato

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FIRENZE



Da un secolo, oltre.

HR EXCELLENCE IN RESEARCH

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Dr. Maria Laura Balestrieri
Istituto di Geoscienze e Georisorse (Institute of Geosciences and Earth Resources)
Consiglio Nazionale delle Ricerche (National Research Council of Italy)
Via G. La Pira, 4
50121 Firenze
Italia
Tel: +39 055 2757531

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Adele Bertini <adele.bertini@unifi.it>

30 luglio 2024 alle ore 14:57

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Antonella Bucciatti <antonella.bucciatti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve the three points in the Agenda.

Best regards

Adele

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- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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- The student **Dr. Diletta Pagni** asks authorization (at ratification) to subscribe to an agreement for joint research with the Centre National de la Recherche Scientifique (CNRS), Paris, France, to carry out scientific activities in the laboratory of Archéosciences Bordeaux. The field of research is the archaeological sciences and Cultural Heritage sciences. Supervisor: Prof. Rémy Chapoulie, Maison de l'Archéologie Domaine Universitaire, Pessac (France). Period of stay: May-June 2024. Please find attached the Agreement of joint research with the Centre National de la Recherche Scientifique (CNRS) and University of Florence-DST (Att. 4).

Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--

Serena Cartei
Dipartimento di Scienze della Terra
Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008



Out Of Office Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Silvia Bianchini <silvia.bianchini@unifi.it>
A: serena.cartai@unifi.it

30 luglio 2024 alle ore 12:31

I will be out of office till August 10th.
I will respond to your e-mail as soon as possible.

Best regards

Silvia Bianchini

--

Dr. Geol. Silvia Bianchini, PhD
Dipartimento Scienze della Terra, Università degli Studi di Firenze, Italia
Via G. La Pira 4
50121 Firenze, Italy
Phone: +39 055 2757551 <+39%20055%20275%207551>
Mobile: +39 328 2487154 <+39%20328%20248%207154>
Fax +39 055 2756323 <+39%20055%20275%206323>
E-mail: silvia.bianchini@unifi.it; <silvia.bianchini83@gmail.com>
silvia.bianchini83@gmail.com

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Luca Bindi <luca.bindi@unifi.it>

30 luglio 2024 alle ore 13:47

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve all the three points in the Agenda

best regards

Luca Bindi

Il Mar 30 Lug 2024, 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
- 3. Agreements of Scientific Cooperation.**

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the "HORIZON Marie Skłodowska Curie Doctoral Networks", project: "The doctoral rift science network for the energy transition" TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: **"Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift"**.
- Dr. Chandresh Reha has a research grant on: **"Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy"**.

Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two

Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve.**

3. Agreements of Scientific Cooperation.

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Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei
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Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Antonella Buccianti <antonella.buccianti@unifi.it> 30 luglio 2024 alle ore 18:12
A: Adele Bertini <adele.bertini@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnrs-orleans.fr>, Carsten Münker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>, Serena Cartei <serena.cartei@unifi.it>

Dear all,

I approve all the three points of the agenda.

Best regards,

Antonella Buccianti

Il 30 lug 2024, 12:30 +0200, Serena Cartei <serena.cartei@unifi.it>, ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

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In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

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Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--

Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Fabrizio Capaccioni <fabrizio.capaccioni@inaf.it>

31 luglio 2024 alle ore 16:54

A: Serena Cartei <serena.cartai@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Bucciatti <antonella.bucciatti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "\prof. RNDr. Vít Vilímek, CSc.\"" <vit.vilimek@natur.cuni.cz>

Dear Serena and all,
I approve all three points.
Cheers,
Fabrizio

=====
Fabrizio Capaccioni
Director of Research
INAF - Istituto di Astrofisica e Planetologia Spaziali
[Via del fosso del Cavaliere, 100](#)
[00133 ROMA](#)
tel +39 06 4993 4183
fabrizio.capaccioni@inaf.it
ORCID 0000-0003-1631-4314
=====

Il giorno 30 lug 2024, alle ore 12:32, Serena Cartei <serena.cartai@unifi.it> ha scritto:

Prot. n. 179328/2024

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

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<Att_4.pdf><Att_3.pdf><Att_2.pdf><Att_1.pdf>



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Enrico Capezzuoli <enrico.capezzuoli@unifi.it>
A: Serena Cartei <serena.cartei@unifi.it>
Cc: Sandro Moretti <sandro.moretti@unifi.it>

30 luglio 2024 alle ore 15:22

Dear Serena
I approve all the three points in the Agenda

best regards

Enrico
--
Enrico Capezzuoli, PhD
Associate Professor
Stratigraphy and Sedimentology

University of Florence
Department of Earth Sciences
Via G. La Pira 4
50121

office: +39 055 2757530
skype: capezzuolienrico
https://www.researchgate.net/profile/Enrico_Capezzuoli
orcid.org/0000-0002-4199-1870

Editorial Board Sedimentary Geology

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Il giorno 30 lug 2024, alle ore 12:32, Serena Cartei <serena.cartei@unifi.it> ha scritto:

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Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,

Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008

<Att_4.pdf><Att_3.pdf><Att_2.pdf><Att_1.pdf>

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Stefano Carnicelli <stefano.carnicelli@unifi.it>

30 luglio 2024 alle ore 15:10

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Bucciatti <antonella.bucciatti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Buon pomeriggio;

with respect to the points:

Admission of Marie Curie research grant candidates and foreign qualification recognition.**I approve****2. Requests by students.****I approve****3. Agreements of Scientific Cooperation.****I approve****Greetings**

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

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Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

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Please see attached the titles and the transcripts (Att. 1).

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei
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serena.cartei@unifi.it
cell. +39 3480113008

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Stefano Carnicelli
Full professor of Pedology
Università di Firenze
Mobile: 3342569155

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Martina Casalini <martina.casalini@unifi.it>

30 luglio 2024 alle ore 15:17

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve the three points.

Regards

Martina Casalini

Il Mar 30 Lug 2024, 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Alberto Tomás Caselli <atcaselli@unrn.edu.ar>

30 luglio 2024 alle ore 13:51

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Bruno Scaillet <bscaille@cns-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear All

I Approve all the three points in the Agenda

Best Regards

Dr. Alberto T. Caselli

Instituto de Investigación en Paleobiología y Geología

UNIVERSIDAD NACIONAL DE RÍO NEGRO-CONICET

Av. J.A. Roca 1242, (8332) Gral. Roca, Río Negro, Argentina

Teléfono Móvil: (+54 9) 298 476 6847

<https://iipg.conicet.gov.ar/>

CONICET



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Universidad Nacional
de Río Negro

I I P G

*"2024 - 30 años de la consagración constitucional de la autonomía y 75 aniversario de la gratuidad universitaria en Argentina"*El mar, 30 jul 2024 a la(s) 7:30 a.m., Serena Cartei (<serena.cartei@unifi.it>) escribió:

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Serena Cartei

Dipartimento di Scienze della Terra

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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Raffaello Cioni <raffaello.cioni@unifi.it>

30 luglio 2024 alle ore 13:34

A: Serena Cartei <serena.cartai@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I Approve all the three points in the Agenda

best regards

Raffaello Cioni

Raffaello Cioni

Earth Sciences Dept.

Via La Pira 4 50121 Firenze - Italy

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<https://www.vulcanologia.unifi.it/>

Orcid 0000-0002-2526-9095

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartai@unifi.it> ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

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- 2. Requests by students.**
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The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College

Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK. The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: “**Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift**”.
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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szakolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Silvia Danise <silvia.danise@unifi.it>

30 luglio 2024 alle ore 13:58

A: Alberto Tomás Caselli <atcaselli@unrn.edu.ar>

Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Bruno Scaillet <bscaille@cns-orleans.fr>, Carsten Münker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve the three points
best regards,
Silvia Danise

Silvia Danise

Associate Professor

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via La Pira 4 50121

Firenze, Italy

NBFC - National Biodiversity Future Centre

phone: +39 055 2757564

email: silvia.danise@unifi.itwebpage: <https://www.unifi.it/p-doc2-2019-0-A-2d2a362c342b-1.html>

NBFC

On Tue, 30 Jul 2024 at 13:52, Alberto Tomás Caselli <atcaselli@unrn.edu.ar> wrote:

Dear All

I Approve all the three points in the Agenda

Best Regards

Dr. Alberto T. CaselliInstituto de Investigación en Paleobiología y Geología
UNIVERSIDAD NACIONAL DE RÍO NEGRO-CONICET



El mar, 30 jul 2024 a la(s) 7:30 a.m., Serena Cartei (serena.cartei@unifi.it) escribió:

Prot. n. 179328/2024

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

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Best Regards,
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Coordinator and secretary of the PhD Course

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Serena Cartei

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Università degli Studi di Firenze
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50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Chiara Del Ventisette <chiara.delventisette@unifi.it>

30 luglio 2024 alle ore 18:23

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear all,

I approve all points of the agenda.

Best regards,

Chiara

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

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Serena Cartei
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Chiara Del Ventisette PhD
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[Via La Pira, 4](#)
[50121, FIRENZE, \(ITALY\)](#)
0552757595
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chiara.delventisette@unifi.it
chiara.delventisette@gmail.com

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Matteo Belvedere <matteo.belvedere@unifi.it>

30 luglio 2024 alle ore 12:33

A: Sandro Moretti <sandro.moretti@unifi.it>, Serena Cartei <serena.cartei@unifi.it>

I approve
Matteo Belvederr

Il giorno mar 30 lug 2024 alle 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:
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Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--

Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Tim Elliott <Tim.Elliott@bristol.ac.uk>

30 luglio 2024 alle ore 17:48

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>, Bruno Scaillet <bscaille@cnrs-orleans.fr>

Dear All, I approve all three points. Cheers, Tim

From: Bruno Scaillet <bscaille@cnrs-orleans.fr>

Date: Tuesday, 30 July 2024 at 16:21

To: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, Rossi, Giuliana <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <Tim.Elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, prof. RNDr. Vít Vilímek, CSc. <vit.vilimek@natur.cuni.cz>

Subject: Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

Dear all,

I approve all three points of the agenda.

Best regards,

Bruno Scaillet.

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

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- 2. Requests by students.**
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1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the “HORIZON Marie Skłodowska Curie Doctoral Networks”, project: “The doctoral rift science network for the energy transition” TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master’s degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: “**Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift**”.
- Dr. Chandresh Reha has a research grant on: “**Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy**”.

Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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Period of stay: May-June 2024. Please find attached the Agreement of joint research with the Centre National de la Recherche Scientifique (CNRS) and University of Florence-DST (Att. 4).

Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Università degli Studi di Firenze

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<Att_4.pdf>

<Att_3.pdf>

<Att_2.pdf>

<Att_1.pdf>

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Lorella Francalanci <lorella.francalanci@unifi.it>

30 luglio 2024 alle ore 15:59

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Raspini Federico <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Cioni Raffaello <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear all,

I approve all three points in the Agenda.

best,

Lorella Francalanci

Il giorno 30 lug 2024, alle ore 12:32, Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
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The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szakolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

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50121 Firenze (Fi)

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cell. +39 3480113008

<Att_4.pdf><Att_3.pdf><Att_2.pdf><Att_1.pdf>

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Emanuele Intrieri <emanuele.intrieri@unifi.it>

30 luglio 2024 alle ore 13:04

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear All,

I think that both candidates have the needed requisites to be enrolled so I approve their admission.

I also approve the other two points.

Best regards,

Emanuele

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

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Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--

Serena Cartei
Dipartimento di Scienze della Terra
Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

--
Emanuele Intriери

Professore Associato

UNIVERSITÀ DEGLI STUDI DI FIRENZE

Dipartimento di Scienze della Terra (DST)



UNIVERSITÀ
DEGLI STUDI
FIRENZE



Da un secolo, oltre.

HR EXCELLENCE IN RESEARCH

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Emanuele Marchetti <emanuele.marchetti@unifi.it>

30 luglio 2024 alle ore 13:44

A: Gilberto Saccorotti <gilberto.saccorotti@ingv.it>

Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Bucciatti <antonella.bucciatti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnrs-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear Serena, dear all,
I approve the three points.
best regards,
Emanuele

Il giorno mar 30 lug 2024 alle ore 13:39 Gilberto Saccorotti <gilberto.saccorotti@ingv.it> ha scritto:

Dear Serena, dear all,
I approve all three points.
best,
gilberto

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
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1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

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In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

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College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK. The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: **“Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift”**.
- Dr. Chandresh Reha has a research grant on: **“Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy”**.

Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--
Serena Cartei
Dipartimento di Scienze della Terra
Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

--

Gilberto Saccorotti
Istituto Nazionale di Geofisica e Vulcanologia - Sezione di **Pisa**
Via C. Battisti, 53 - 56125 PISA (I)
Tel +39 050 8311960
Mob +39 342 8785971

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>

30 luglio 2024 alle ore 14:05

A: Alberto Tomás Caselli <atcaselli@unrn.edu.ar>

Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Bruno Scaillet <bscaille@cnrs-orleans.fr>, Carsten Münker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve the three points in the Agenda.

Best regards

Ilaria

On Tue, 30 Jul 2024 at 13:51, Alberto Tomás Caselli <atcaselli@unrn.edu.ar> wrote:

Dear All

I Approve all the three points in the Agenda

Best Regards

Dr. Alberto T. Caselli

Instituto de Investigación en Paleobiología y Geología
UNIVERSIDAD NACIONAL DE RÍO NEGRO-CONICET
Av. J.A. Roca 1242, (8332) Gral. Roca, Río Negro, Argentina
Teléfono Móvil: (+54 9) 298 476 6847
<https://iipg.conicet.gov.ar/>

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I I P G

"2024 - 30 años de la consagración constitucional de la autonomía y 75 aniversario de la gratuidad universitaria en Argentina"

El mar, 30 jul 2024 a la(s) 7:30 a.m., Serena Cartei (serena.cartei@unifi.it) escribió:

Prot. n. 179328/2024

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
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Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

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50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008



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XXI INQUA ROMA2023

"Whereas policy makers see competition as a tool for excellence, true progress in science can only be made by cooperation"



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Sandro Moretti <sandro.moretti@unifi.it>
A: Serena Cartei <serena.cartei@unifi.it>

30 luglio 2024 alle ore 16:50

I approve
Sandro Moretti

--

[Sandro Moretti](#)

Professore Ordinario

055 2757499

UNIVERSITÀ DEGLI STUDI DI FIRENZE
Dipartimento di Scienze della Terra (DST)

Dona il tuo 5x1000 all'Università
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--

Il giorno mar 30 lug 2024 alle 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:
Prot. n. 179328/2024

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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Salvador Moyà Solà <salvador.moya@icp.cat>

30 luglio 2024 alle ore 14:13

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve all three points

all the best

salvador

Dr. Salvador Moyà-Solà
ICREA

Institut Català de Paleontologia Miquel Crusafont, Universitat Autònoma de Barcelona.

Edifici Z (ICTA-ICP), Carrer de les Columnes s/n, Campus de la UAB, 08193 Cerdanyola del Vallès, Barcelona, Spain,
and [c/Escola Industrial 23, 08201, Sabadell, Barcelona, Spain](#).

Telephone: +34 93 586 8600

Cell phone: +34 671540448

E-mail: salvador.moya@icp.cat

www.icp.cat

El 30 jul 2024, a les 12:32, Serena Cartei <serena.cartei@unifi.it> va escriure:

Prot. n. 179328/2024

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So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--
Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

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<Att_4.pdf><Att_3.pdf><Att_2.pdf><Att_1.pdf>



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>

30 luglio 2024 alle ore 16:20

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, antonella buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, deluca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, fabrizio capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, ilaria mazzini <ilaria.mazzini@igag.cnr.it>, lorella francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, marialaura balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, vit vilimek <vit.vilimek@natur.cuni.cz>

Dear Serena, Dear all,

I approve the three points.

Best regards

Nathalie

Nathalie Combourieu-Nebout

email : nathalie.nebout-combourieu@mnhn.fr ou nneboutcombourieu@mnhn.fr

HNHP, Histoire Naturelle de l'Homme Préhistorique, UMR 7194 CNRS

Département Homme et Environnement, Muséum national d'histoire Naturelle

Institut de Paléontologie Humaine

[1, rue Rene Panhard, F-75013 Paris France](#)

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tel laboratoire : +33 (0)1 55 43 27 51

De: "Serena Cartei" <serena.cartei@unifi.it>

À: "Adele Bertini" <adele.bertini@unifi.it>, "antonella buccianti" <antonella.buccianti@unifi.it>, "Alberto Tomás Caselli" <atcaselli@unrn.edu.ar>, "Bruno Scaillet" <bscaille@cnsr-orleans.fr>, "Carsten Munker" <c.muenker@uni-koeln.de>, "Chiara Del Ventisette" <chiara.delventisette@unifi.it>, "chopin" <chopin@biotite.ens.fr>, "deluca" <deluca.c@irea.cnr.it>, "Emanuele Intrieri" <emanuele.intrieri@unifi.it>, "Emanuele Marchetti" <emanuele.marchetti@unifi.it>, "Enrico Capezzuoli" <enrico.capezzuoli@unifi.it>, "fabrizio capaccioni" <fabrizio.capaccioni@iaps.inaf.it>, "Federico Raspini" <federico.raspini@unifi.it>, "Federico Sani" <federico.sani@unifi.it>, "Franco Tassi" <franco.tassi@unifi.it>, "Giovanni Pratesi" <g.pratesi@unifi.it>, "Gilberto Saccorotti" <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, "ilaria mazzini" <ilaria.mazzini@igag.cnr.it>, "lorella francalanci" <lorella.francalanci@unifi.it>, "Lorenzo Rook" <lorenzo.rook@unifi.it>, "Luca Bindi" <luca.bindi@unifi.it>, "Marco Benvenuti" <m.benvenuti@unifi.it>, "Marco Benvenuti" <ma.benvenuti@unifi.it>, "marialaura balestrieri" <marialaura.balestrieri@igg.cnr.it>, "Martina Casalini" <martina.casalini@unifi.it>, "Matteo Belvedere" <matteo.belvedere@unifi.it>, "Nathalie NEBOUT" <nathalie.nebout-combourieu@mnhn.fr>, "Raffaello Cioni" <raffaello.cioni@unifi.it>, "Riccardo Fanti" <riccardo.fanti@unifi.it>, "Bernor Raymond" <rlbernor@gmail.com>, "Roberto Tomás Jover" <roberto.tomas@ua.es>, "Salvador Moyà Solà" <salvador.moya@icp.cat>, "Sandro Conticelli" <sandro.conticelli@unifi.it>, "Sandro Moretti" <sandro.moretti@unifi.it>, "Silvia Bianchini" <silvia.bianchini@unifi.it>, "Silvia Danise"

<silvia.danise@unifi.it>, "Stefano Carnicelli" <stefano.carnicelli@unifi.it>, "Takeshi Nishimura" <takeshi.nishimura.d2@tohoku.ac.jp>, "Tim Elliott" <tim.elliott@bristol.ac.uk>, "Valentina Rimondi" <valentina.rimondi@unifi.it>, "Veronica Tofani" <veronica.tofani@unifi.it>, "vit vilimek" <vit.vilimek@natur.cuni.cz>

Envoyé: Mardi 30 Juillet 2024 12:32:46

Objet: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
- 3. Agreements of Scientific Cooperation.**

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the “HORIZON Marie Skłodowska Curie Doctoral Networks”, project: “The doctoral rift science network for the energy transition” TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master’s degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: “**Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift**”.
- Dr. Chandresh Reha has a research grant on: “**Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy**”.

Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve.**

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

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Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra
Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartai@unifi.it
cell. +39 3480113008



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>

30 luglio 2024 alle ore 23:12

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomas Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomas Jover <roberto.tomas@ua.es>, Salvador Moya Sola <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vit Vilimek, CSc." <vit.vilimek@natur.cuni.cz>

Dear All,

I approve the three points.

best regards,

Takeshi

Takeshi Nishimura
Department of Geophysics,
Graduate School of Science,
Tohoku University,
Aramaki-aza Aoba, Aoba-ku, Sendai 980-8578, Japan

> Prot. n. 179328/2024

>

> To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences ? University of Florence,

>

> Dear all,

> on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

> 30th July 2024, from 12,30 to ? 31st July 2024, 12,30 (Italian time)

>

>

> to discuss on the following points to the agenda:

>

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>

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>
> Please answer: I approve, or I do not approve.
>
> Thank you for your participation,
>
> Best Regards,
> Prof. Sandro Moretti and Ms. Serena Cartei
> Coordinator and secretary of the PhD Course
>
>
> --
> Serena Cartei
> Dipartimento di Scienze della Terra
> Universita degli Studi di Firenze
> Via G. La Pira, 4
> 50121 Firenze (Fi)
> serena.cartei@unifi.it
> cell. +39 3480113008
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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Giovanni Pratesi <g.pratesi@unifi.it>
A: Serena Cartei <serena.cartei@unifi.it>
Cc: Sandro Moretti <sandro.moretti@unifi.it>

30 luglio 2024 alle ore 12:38

I approve all the points in today's agenda.

Giovanni

Prof. Giovanni Pratesi
Dipartimento di Scienze della Terra
Università degli Studi di Firenze
[Via Giorgio La Pira, 4](#)
50121 Firenze

Il giorno mar 30 lug 2024 alle 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:
Prot. n. 179328/2024

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Please answer: **I approve, or I do not approve.**

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei
Dipartimento di Scienze della Terra
Università degli Studi di Firenze
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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Federico Raspini <federico.raspini@unifi.it> 30 luglio 2024 alle ore 14:48
A: Salvador Moyà Solà <salvador.moya@icp.cat>
Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnrs-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve the three points.
Regards, Federico

Il mar 30 lug 2024, 14:13 Salvador Moyà Solà <salvador.moya@icp.cat> ha scritto:

I approve all three points

all the best

salvador

Dr. Salvador Moyà-Solà
ICREA

Institut Català de Paleontologia Miquel Crusafont, Universitat Autònoma de Barcelona.

Edifici Z (ICTA-ICP), Carrer de les Columnes s/n, Campus de la UAB, 08193 Cerdanyola del Vallès, Barcelona, Spain, and c/Escola Industrial 23, 08201, Sabadell, Barcelona, Spain.

Telephone: +34 93 586 8600

Cell phone: +34 671540448

E-mail: salvador.moya@icp.cat

www.icp.cat

El 30 jul 2024, a les 12:32, Serena Cartei <serena.cartei@unifi.it> va escriure:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

2. Requests by students.

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1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the "HORIZON Marie Skłodowska Curie Doctoral Networks", project: "The doctoral rift science network for the energy transition" TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

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Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: "**Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift**".
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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

--

Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartai@unifi.it

cell. +39 3480113008

<Att_4.pdf><Att_3.pdf><Att_2.pdf><Att_1.pdf>



Out of office Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Valentina Rimondi <valentina.rimondi@unifi.it>
A: serena.cartei@unifi.it

30 luglio 2024 alle ore 12:31

Sono in ferie, ci sentiamo dopo il 6 agosto.
Saluti

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[Valentina Rimondi](#)

Ricercatore a tempo determinato

055 2757507

UNIVERSITÀ DEGLI STUDI DI FIRENZE
Dipartimento di Scienze della Terra (DST)

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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Lorenzo Rook <lorenzo.rook@unifi.it>
A: Serena Cartei <serena.cartei@unifi.it>

30 luglio 2024 alle ore 12:55

Point 1
I approve

Point 2
I approve

Point 4
I approve the 3 agreements

Lorenzo Rook

--

Prof. Lorenzo Rook

Professore Ordinario di Paleontologia e Paleoecologia
Dipartimento di Scienze della Terra - *Paleo[Fab]Lab*

Università di Firenze

via G. La Pira, 4 - 50121 Firenze - ITALY
phone +39 055 275.7520
mobile phone +39 320 9225839
e-mail: lorenzo.rook@unifi.it

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DIPARTIMENTO DI
SCIENZE DELLA TERRA

Da un secolo, oltre.

HR EXCELLENCE IN RESEARCH

Il giorno mar 30 lug 2024 alle 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:
Prot. n. 179328/2024

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

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The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008

Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Rossi, Giuliana <grossi@ogs.it>
A: Serena Cartei <serena.cartei@unifi.it>
Cc: Sandro Moretti <sandro.moretti@unifi.it>

30 luglio 2024 alle ore 12:42

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen).

I approve**2. Requests by students.**

Dr. Szakolczai Istvan asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024.

I approve**3. Agreements of Scientific Cooperation.**

The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research

I approve

The student **Dr. Alessio Gatto** asks authorization to subscribe to an agreement of joint research to carry out scientific activities

I approve

The student **Dr. Diletta Pagni** asks authorization (at ratification) to subscribe to an agreement for joint research

I approve

Faithfully
Giuliana Rossi

Dr. Giuliana Rossi
Centro di Ricerche Sismologiche
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale -OGS
Borgo Grotta Gigante 42/c
34010 Sgonico (Trieste) Italy
tel. +390402140347
www.ogs.it

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:
Prot. n. 179328/2024

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serena.cartei@unifi.it
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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Gilberto Saccorotti <gilberto.saccorotti@ingv.it>

30 luglio 2024 alle ore 13:39

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnsr-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

Dear Serena, dear all,
I approve all three points.
best,
gilberto

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

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Gilberto Saccorotti
Istituto Nazionale di Geofisica e Vulcanologia - Sezione di Pisa
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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Federico Sani <federico.sani@unifi.it>

30 luglio 2024 alle ore 15:13

A: Stefano Carnicelli <stefano.carnicelli@unifi.it>

Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Bucciante <antonella.bucciante@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnrs-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve all the three points.

F. Sani

Il mar 30 lug 2024, 15:04 Stefano Carnicelli <stefano.carnicelli@unifi.it> ha scritto:

Buon pomeriggio;

with respect to the points:

Admission of Marie Curie research grant candidates and foreign qualification recognition.**I approve****2. Requests by students.****I approve****3. Agreements of Scientific Cooperation.****I approve****Greetings**

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**2. Requests by students.****3. Agreements of Scientific Cooperation.****1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**In the remit of the "HORIZON Marie Skłodowska Curie Doctoral Networks", project: "The doctoral rift science network for the energy transition" TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: “**Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift**”.
- Dr. Chandresh Reha has a research grant on: “**Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy**”.

Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szakolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
- The student **Dr. Alessio Gatto** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of vulnerability, resilience and risk perception in hazardous areas with geological risks. The British Geological Survey, Nottingham, UK (BGS) is willing to host the student under the supervision of Dr. Roxana Ciurean, for 4 months, starting from September 2024. Please find attached the draft agreement with the BGS (Att. 3).
- The student **Dr. Diletta Paghi** asks authorization (at ratification) to subscribe to an agreement for joint research with the Centre National de la Recherche Scientifique (CNRS), Paris, France, to carry out scientific activities in the laboratory of Archéosciences Bordeaux. The field of research is the archaeological sciences and Cultural Heritage sciences. Supervisor: Prof. Rémy Chapoulie, Maison de l'Archéologie Domaine Universitaire, Pessac (France). Period of stay: May-June 2024. Please find attached the Agreement of joint research with the Centre National de la Recherche Scientifique (CNRS) and University of Florence-DST (Att. 4).

Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,

Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008

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Stefano Carnicelli

Full professor of Pedology

Università di Firenze

Mobile: 3342569155



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Bruno Scaillet <bscaille@cnrs-orleans.fr>

30 luglio 2024 alle ore 17:20

A: Serena Cartei <serena.cartei@unifi.it>

Cc: Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Carsten Münker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intrieri <emanuele.intrieri@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "\"prof. RNDr. Vít Vilímek, CSc.\"" <vit.vilimek@natur.cuni.cz>

Dear all,

I approve all three points of the agenda.

Best regards,

Bruno Scaillet.

Le 30 juil. 2024 à 11:30, Serena Cartei <serena.cartei@unifi.it> a écrit :

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

- 1. Admission of Marie Curie research grant candidates and foreign qualification recognition.**
- 2. Requests by students.**
- 3. Agreements of Scientific Cooperation.**

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the "HORIZON Marie Skłodowska Curie Doctoral Networks", project: "The doctoral rift science network for the energy transition" TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

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Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szakolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei
Dipartimento di Scienze della Terra
Università degli Studi di Firenze
Via G. La Pira, 4
50121 Firenze (Fi)
serena.cartei@unifi.it
cell. +39 3480113008

<Att_4.pdf>

<Att_3.pdf>

<Att_2.pdf>

<Att_1.pdf>



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Franco Tassi <franco.tassi@unifi.it>

30 luglio 2024 alle ore 21:16

A: Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>

Cc: Emanuele Intriери <emanuele.intriери@unifi.it>, Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Buccianti <antonella.buccianti@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaille@cnrs-orleans.fr>, Carsten Münker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Salvador Moyà Solà <salvador.moya@icp.cat>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, Veronica Tofani <veronica.tofani@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve

Regards

Franco Tassi

Il Mar 30 Lug 2024, 15:03 Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it> ha scritto:

Dear All,

I approve all the three points,

Regards,

Maria Laura Balestrieri

Il giorno mar 30 lug 2024 alle ore 13:04 Emanuele Intriери <emanuele.intriери@unifi.it> ha scritto:

Dear All,

I think that both candidates have the needed requisites to be enrolled so I approve their admission.

I also approve the other two points.

Best regards,

Emanuele

Il giorno mar 30 lug 2024 alle ore 12:30 Serena Cartei <serena.cartei@unifi.it> ha scritto:

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Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

Dipartimento di Scienze della Terra

Università degli Studi di Firenze

Via G. La Pira, 4

50121 Firenze (Fi)

serena.cartei@unifi.it

cell. +39 3480113008

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Emanuele Intriери

Professore Associato

UNIVERSITÀ DEGLI STUDI DI FIRENZE

Dipartimento di Scienze della Terra (DST)



UNIVERSITÀ
DEGLI STUDI
FIRENZE



HR EXCELLENCE IN RESEARCH

Da un secolo, oltre.

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Dr. Maria Laura Balestrieri

Istituto di Geoscienze e Georisorse (Institute of Geosciences and Earth Resources)

Consiglio Nazionale delle Ricerche (National Research Council of Italy)

Via G. La Pira, 4

50121 Firenze

Italia

Tel: +39 055 2757531



Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Veronica Tofani <veronica.tofani@unifi.it>

30 luglio 2024 alle ore 14:55

A: Salvador Moyà Solà <salvador.moya@icp.cat>

Cc: Serena Cartei <serena.cartei@unifi.it>, Adele Bertini <adele.bertini@unifi.it>, Antonella Bucciante <antonella.bucciante@unifi.it>, Alberto Tomás Caselli <atcaselli@unrn.edu.ar>, Bruno Scaillet <bscaillet@cnrs-orleans.fr>, Carsten Munker <c.muenker@uni-koeln.de>, Chiara Del Ventisette <chiara.delventisette@unifi.it>, chopin <chopin@biotite.ens.fr>, claudio de luca <deluca.c@irea.cnr.it>, Emanuele Intriери <emanuele.intriери@unifi.it>, Emanuele Marchetti <emanuele.marchetti@unifi.it>, Enrico Capezzuoli <enrico.capezzuoli@unifi.it>, Fabrizio Capaccioni <fabrizio.capaccioni@iaps.inaf.it>, Federico Raspini <federico.raspini@unifi.it>, Federico Sani <federico.sani@unifi.it>, Franco Tassi <franco.tassi@unifi.it>, Giovanni Pratesi <g.pratesi@unifi.it>, Gilberto Saccorotti <gilberto.saccorotti@ingv.it>, "Rossi, Giuliana" <grossi@ogs.it>, Ilaria Mazzini <ilaria.mazzini@igag.cnr.it>, Lorella Francalanci <lorella.francalanci@unifi.it>, Lorenzo Rook <lorenzo.rook@unifi.it>, Luca Bindi <luca.bindi@unifi.it>, Marco Benvenuti <m.benvenuti@unifi.it>, Marco Benvenuti <ma.benvenuti@unifi.it>, Maria Laura Balestrieri <marialaura.balestrieri@igg.cnr.it>, Martina Casalini <martina.casalini@unifi.it>, Matteo Belvedere <matteo.belvedere@unifi.it>, Nathalie Nebout <nathalie.nebout-combourieu@mnhn.fr>, Raffaello Cioni <raffaello.cioni@unifi.it>, Riccardo Fanti <riccardo.fanti@unifi.it>, Bernor Raymond <rlbernor@gmail.com>, Roberto Tomás Jover <roberto.tomas@ua.es>, Sandro Conticelli <sandro.conticelli@unifi.it>, Sandro Moretti <sandro.moretti@unifi.it>, Silvia Bianchini <silvia.bianchini@unifi.it>, Silvia Danise <silvia.danise@unifi.it>, Stefano Carnicelli <stefano.carnicelli@unifi.it>, Takeshi Nishimura <takeshi.nishimura.d2@tohoku.ac.jp>, Tim Elliott <tim.elliott@bristol.ac.uk>, Valentina Rimondi <valentina.rimondi@unifi.it>, "prof. RNDr. Vít Vilímek, CSc." <vit.vilimek@natur.cuni.cz>

I approve the three points.

Best regards,

Veronica tofani

Il giorno mar 30 lug 2024 alle ore 14:13 Salvador Moyà Solà <salvador.moya@icp.cat> ha scritto:

I approve all three points

all the best

salvador

Dr. Salvador Moyà-Solà

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El 30 jul 2024, a les 12:32, Serena Cartei <serena.cartei@unifi.it> va escriure:

Prot. n. 179328/2024

To the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences – University of Florence,

Dear all,

on behalf of the Coordinator, Prof. Sandro Moretti, I kindly inform you that an e-mail meeting of the Academic Board of the 38th and 39th cycle of the PhD Course on Earth and Planetary Sciences is convened for:

30th July 2024, from 12,30 to – 31st July 2024, 12,30 (Italian time)

to discuss on the following points to the agenda:

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

2. Requests by students.

3. Agreements of Scientific Cooperation.

1. Admission of Marie Curie research grant candidates and foreign qualification recognition.

In the remit of the "HORIZON Marie Skłodowska Curie Doctoral Networks", project: "The doctoral rift science network for the energy transition" TALENTS – GA n. 101119486, scientific coordinator: prof. Keir Boswell Derek, we received two requests for admission to the 40th cycle doctoral course by **Dr. Farrell Conor** (Irish citizen) and **Dr. Chandresh Reha** (Indian citizen). Both candidates have been awarded by a 3-year Marie Curie research grant. The project requires a Doctoral enrolment.

In order to admit the two candidates, the Academic board should examine first the foreign titles and declare their equivalence to an Italian title that allows the enrollment to a PhD Course.

The candidate Dr. Farrel Conor has a Bachelor (Honors) degree in Geology/Earth Sciences, awarded by the University College Dublin, Ireland, and a Master of Science degree in Volcanology, awarded by the University of Bristol, UK.

The candidate Dr. Chandresh Reha has a 4-year Integrated Master's degree in Geology, awarded by the Imperial College London.

Please see attached the titles and the transcripts (Att. 1).

The titles of the research grants are the following:

- Dr. Farrel Conor has a research grant on the subject: "**Localisation and along-rift linkage of extension and implications for geothermal potential in the Main Ethiopian Rift**".
- Dr. Chandresh Reha has a research grant on: "**Fault evolution and slip rates in magma-rich rifts using quantitative geomorphology and volcanic stratigraphy**".

Please answer: **I approve, or I do not approve**, about the foreign qualification recognition and on the admission of the two Marie Curie research grants to the 40th cycle PhD course as supernumerary with the above-mentioned research subjects.

2. Requests by students.

The student **Dr. Szokolczai Istvan** asks for a stay abroad at the University of Melbourne - Dept. Mathematics and Statistics - from 5th May 2024 to 15th October 2024. As the period abroad is of more than 6 months the Academic board should approve his stay.

So please answer: **I approve, or I do not approve**.

3. Agreements of Scientific Cooperation.

The following students ask for authorization to carry out Scientific activities in foreign Institutions:

- The student **Dr. Nicolò Brilli** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of mapping and monitoring of natural hazards, focusing on the assessment of triggering conditions and run-out analysis of rainfall-induced shallow landslides. The Department of Civil and Environmental Engineering of the Universitat Politècnica de Catalunya (UPC) – BarcelonaTECH (Spain) is willing to host the student for about 6 months starting from September 2024, under the supervision of Prof. Marcel Hürlimann, Associate Professor of Engineering Geology, BarcelonaTECH UPC. Please find the draft of the Agreement with the UPS (Att. 2).
- The student **Dr. Alessio Gatto** asks authorization to subscribe to an agreement of joint research to carry out scientific activities on the field of vulnerability, resilience and risk perception in hazardous areas with geological risks. The British Geological Survey, Nottingham, UK (BGS) is willing to host the student under the supervision of Dr. Roxana Ciurean, for 4 months, starting from September 2024. Please find attached the draft agreement with the BGS (Att. 3).
- The student **Dr. Diletta Paghi** asks authorization (at ratification) to subscribe to an agreement for joint research with the Centre National de la Recherche Scientifique (CNRS), Paris, France, to carry out scientific activities in the laboratory of Archéosciences Bordeaux. The field of research is the archaeological sciences and Cultural Heritage sciences. Supervisor: Prof. Rémy Chapoulie, Maison de l'Archéologie Domaine Universitaire, Pessac (France). Period of stay: May-June 2024. Please find attached the Agreement of joint research with the Centre National de la Recherche Scientifique (CNRS) and University of Florence-DST (Att. 4).

Please answer: **I approve, or I do not approve**.

Thank you for your participation,

Best Regards,
Prof. Sandro Moretti and Ms. Serena Cartei
Coordinator and secretary of the PhD Course

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Serena Cartei

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<Att_4.pdf><Att_3.pdf><Att_2.pdf><Att_1.pdf>

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Veronica Tofani

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Re: Email meeting of the Academic board - 38th and 39th cycles PhD course on Earth and Planetary Sciences - 30th-31st July 2024

1 messaggio

Roberto Tomás Jover <roberto.tomas@ua.es>
A: Serena Cartei <serena.cartei@unifi.it>

30 luglio 2024 alle ore 13:53

Dear Serena,

I approve the three points in the Agenda.

Best regards

Roberto

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Dr. Roberto Tomás Jover
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