

BORSE PER LA PARTECIPAZIONE AL TALENT IMPROVEMENT PROGRAM (TIP) PER STUDENTI DELL'UNIVERSITÀ DEGLI STUDI DI BERGAMO TALENTUOSI A FAVORE DI STUDENTI ISCRITTI AL SECONDO ANNO DELLA LAUREA MAGISTRALE O AL QUINTO ANNO DELLA LAUREA A CICLO UNICO NELL'ANNO ACCADEMICO 2022/2023

ALLEGATO PROGETTI DI RICERCA E CORSI DI DOTTORATO A DISPOSIZIONE PER IL TALENT IMPROVEMENT PROGRAM

PROGETTI DI RICERCA INTERNI

ID Progetto	Dipartimento o di riferimento	Docente di riferimento	Gruppo di appartenenza (facoltativo)	Titolo progetto	Descrizione progetto	Opportunità di partecipazione a conferenze	Opportunità di visiting	Progetto in collaborazione con altre università? (Se si quali?)
1	DIGIP	Matteo Kalchschmidt	Research group on Global Supply Chain Management	Criticality Analysis for Supply Chain Availability and Dependency Evaluation	The project concerns the development of a methodology for analyzing criticalities and dependencies in strategic supply chains for Italy. In particular, critical issues related to critical materials will be considered, but also to the presence of bottlenecks in the supply networks. The project could focus on the analysis of secondary data for the mapping of the supply chains, on the development of a Delphi study involving experts for the identification of the criticalities of a particular supply chain, or on the development of case studies for the mapping of the supply chain and of the criticalities specifications. Among the outputs, the identification of managerial and policy recommendations regarding actions to be implemented to reduce dependencies and the presence of critical issues in strategic supply chains is expected.	Participation in one of the following conferences: EDSI (European Decision Sciences Institute), which will be held in Nantes (France) in June 2023; EurOMA (European Operations Management Research Association), which will be held in Leuven (Belgium) in July 2023	No	Politecnico di Milano, Università degli studi dell'Aquila, Università di Bologna
2	DIGIP	Albachiara Boffelli	Research group on Global Supply Chain Management	A cross-country comparison on the Reshoring phenomenon	The project focuses on the phenomenon of reshoring and the relocation choices of production activities. In particular, a comparative study will be conducted between different European countries affected by the phenomenon through the analysis of primary and secondary data, or through the in-depth analysis of case studies. Among the research outputs it is expected to be able to draw indications on the role played by the context in directing the location choices of European manufacturing companies.	Participation in one of the following conferences: EDSI (European Decision Sciences Institute), which will be held in Nantes (France) in June 2023; EurOMA (European Operations Management Research Association), which will be held in Leuven (Belgium) in July 2023	Visiting opportunity in one of the countries involved in the project (Denmark, Norway, Sweden, Switzerland, UK)	Politecnico di Milano, Università degli studi dell'Aquila, Università di Bologna
3	DIGIP	Michele Meoli	CCSE - HERE	Higher Education Research	Research activity on Higher Education institutions: governance issues, financing, evaluation, research and teaching practices. Collaboration with the Italian Conference of Italian Rectors (CRUI) and with the Ministry of University (MUR) for the development of policy briefs and policy analyses	Participation in one of the following conferences: DRUID 2023, Lisbon, June 2023; EURAM 2023, Dublin, June 2023; CHER 2023, Wien, August 2023	Visiting opportunity in one of the countries involved in the project (Germany, Belgium, Norway)	University of Augsburg (Germany), University of Ghent (Belgium), University of Agder (Norway)

4	DIGIP	Alexandra Lagorio	CELS - INGIND17	Analysis of the research opportunities given by a production and logistics line	During the research project the student will analyze the main learning criticalities of the functions of use and the possible research opportunities given by a recently installed SMC production and logistics line at the SLIM laboratory. Furthermore, the creation of business cases to be tested on the line is also foreseen among the results of the project.	Participation in the following conference: ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS Conference - APMS 2023 - IFIP International Conference	No	No
5	DIGIP	Giovanna Campopiano e Mara Brumana	CYFE - Center for Young and Family Entrepreneurship	Medium-sized enterprises between challenges and opportunities: An analysis of the Bergamo ecosystem	The project aims to carry out a mapping of medium-sized enterprises in the Bergamo area. Starting from data collected from secondary sources, the student will be involved in the creation of a report for dissemination purposes. The main descriptive statistics techniques will be used to create graphs and tables aimed at showing the trend of medium-sized enterprises in the Bergamo ecosystem over the last 10 years. In addition to the financial economic indicators, the governance structure, the dynamics of growth, innovation and internationalization will be analysed.	Participation in the following workshop: EIASM WORKSHOP ON FAMILY FIRM MANAGEMENT RESEARCH (Naples, October 2023)	No	No
6	DIGIP	Tommaso Minola e Davide Hahn	CYFE - Center for Young and Family Entrepreneurship	Academic spin-offs in Entrepreneurial Universities: research on their organizational goals and impact	The project aims to study the organizational goals of academic spinoffs in order to generate a better understanding of their impact on the economic fabric. Starting from data collected from secondary sources, the student in the econometric analysis and in the development of a conceptual model. The project includes a visit to my colleague Giuseppe Criaco (Erasmus University Rotterdam) with whom the reference teachers collaborate on the topic.	No	Yes (Erasmus University Rotterdam)	Yes (Erasmus University Rotterdam)
7	DIGIP	Angelo Gargantini	Ingegneria Informatica	Techniques for the validation of intelligent software systems	This project takes place in the field of software engineering for the FOSLAB laboratory. Intelligent software systems, often based on Machine Learning technologies, require new techniques for their validation and verification. These include combinatorial testing (which exploits the systematic generation of critical interactions between inputs), model-based testing (which exploits models from which to generate test cases) and robustness testing (especially oriented towards neural networks and models obtained through ML)	Participation to one of the following conferences (as student volunteer): - ICST (16th IEEE International Conference on Software Testing, Verification and Validation) - April in Ireland - ICTSS (IFIP-ICTSS 35th International Conference on Testing Software and Systems) - September in Bergamo - SPLC (27TH ACM INTERNATIONAL SYSTEMS AND SOFTWARE PRODUCT LINE CONFERENCE) - August/September in Tokio	Si presso: - Università del Texas in Arlington (sui temi del combinatorial testing) - prof. Yu Lei - National Institute of Informatics, Tokyo, JP, prof. Paolo Arcaini - Czech Technical University in Prague, prof. Miroslav Bures - SBA research in Vienna, Austria	- National Institute of Informatics. - Università degli studi di Milano - Università del Texas in Arlington

8	DCLLS	Alessandra Ghisalberti	Imago Mundi Lab	From urban regeneration to land restitution: methods and mapping	<p>The research, continuing to experiment with mapping methods and systems, envisages urban regeneration interventions aimed at restoring the territory and focuses on the idea of a new way of living post-covid19. Specifically, by applying the most advanced theoretical approaches prepared in the national and international context on the analysis of the networked territory (Lévy, 2008) and of the new forms of urban polycentrism, with particular regard to hyper-places (Lussault, 2017), as well as on the most advanced mapping systems to monitor and visualize the urban dynamics of the inhabitants in urban contexts (Casti, 2013), an in-depth analysis of the theoretical-methodological and communicative-application tools in the geographical field for urban regeneration is proposed with a focus on the changes induced by the pandemic COVID-19. Territorial research methodologies are therefore experimented, also based on land surveys and the use of big-data, to collect, analyze and cartographically visualize data concerning urban dynamics and urban regeneration interventions activated by local institutions, also in partnership with actors private individuals, investigating the Lombard context and focusing on the Bergamo one. Finally, we will proceed with the application of smart technologies for the cartographic visualization of data through the construction of GIS mapping systems useful for the representation of the different phases of research on interventions in the territory. They will allow to highlight, with two- and three-dimensional views but also in anamorphosis, the contexts investigated and the most relevant case studies from a socio-territorial point of view.</p>		<p>Opportunity to participate in activities abroad at University College London - UCL - CDRC and Department of Geography as part of the visiting professor project of prof. Alessandra Ghisalberti entitled "GIS mapping, inhabitants' dynamics, and urban regeneration in London"</p>	<p>University College London - UCL - CDRC e Department of Geography</p>
9	DCLLS	Federica Burini	Imago Mundi Lab	Terre Alte Experience - Experiential itinerary of sustainable mobility, to discover the knowledge and flavors of the Terre Alte between Bergamo and Brescia (Italian Capital of Culture 2023)	<p>In view of the Bergamo-Brescia Italian capital of culture 2023 event, the intention is to develop an experiential and sustainable mobility itinerary between Bergamo and Brescia that links the two territories via the High Lands and which allows the visitor to discover some hidden treasures to discover some of the excellences of the Orobic valleys to get from west to east to the Upper Sebino Bresciano, to be able to appreciate the traditional knowledge linked to the use of resources through the meeting with the actors of the territory involved in the protection and enhancement of landscapes, places, local resources and products through forms of innovative entrepreneurship</p>	<p>Opportunity to participate in events for the presentation of research results</p>	<p>To be defined</p>	

10	DISA	Daniela Giretti		Interpretation of cone penetration tests in silty soils	<p>The CPTU is one the main in situ investigation tool for defining the ground conditions and for foundation design. Current practise in CPTU interpretation to estimate the in-situ void ratio is to use correlations between cone resistance, effective stress state and relative density for sands and silty soils. However, as these correlations are based on calibration chamber tests on clean silica sands under drained conditions, it is uncertain whether they can be applied for sands with fines and silty materials and for partially drained conditions. Site experiences have shown that when applied to estimate D_r for silty materials, the resulting D_r is too low respect to values measured on undisturbed samples. From the limitations above, the research questions arisen on what is the effect of fine content in sand (plasticity, grain size) on the penetration resistance and what is the effect of partial drainage on the correlation including fines. To answer this questions, the necessity of developing reliable correlations between q_c, stress state and void ratio, which takes into account fines content in sand, by running a series of laboratory calibration CPTUs, has come.</p> <p>The TIP project here proposed is aimed at interpreting a large database of calibration CPTUs in silty sands carried out in a geotechnical centrifuge. The results will be interpreted in order to establish a relationship between CPT tip resistance and state parameter, within a critical state framework, following the approach of Been and co-workers (e.g. Been et al., 1986, 1987). Analysis of the calibration data ill then follow a more rigorous approach based on cavity expansion theory, following Shuttle & Jefferies (1998), which provides predictive capability for the CPT once soil properties have been measured in the laboratory.</p>	9th International SUT OSIG Conference "Innovative Geotechnologies for Energy Transition" 12 September, 2023 - 14 September, 2023	NGI, NORWEGIAN GEOTECHNICAL INSTITUTE	No
11	DISA	Andrea Belleri	Tecnica delle Costruzioni - ICAR/09	Design of steel exoskeletons with cold formed profiles and commercial profiles for the integrated (seismic-energy) improvement of existing buildings	<p>The project is part of a research collaboration with the Nagoya Institute of Technology (Nagoya, Japan) through the teacher prof. A. Sato. The project aims to investigate the behavior of cold-formed steel panel systems or with commercial profiles for use in the integrated seismic-energy reinforcement of existing buildings. In particular, reduced complexity finite element models have been developed to numerically simulate the non-linear behavior of a real-scale panel. Through parametric analysis it would be possible to deduce useful indications to calibrate the numerical model for various geometric configurations of the panel itself. Specifically, the project aims to investigate the structural details of the steel system and the connections to the existing structure in a life cycle thinking perspective, i.e. taking into account the life cycle of the work, such as aspects related to the construction site, modularity, adaptability, maintainability and repairability in the event of a seismic event. The issues related to the nonlinear finite</p>	Compdyn 2023 - 12-14 June 2023, Athens, Greece 9th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering	Nagoya Institute of Technology (Nagoya, Japan)	Research collaboration active since many years with prof. Sato del Nagoya Institute of Technology (Nagoya, Japan)

					element analysis of these structures will also be investigated.			
12	DISA	Chiara Passoni, Alessandra Marini	Tecnica delle Costruzioni - ICAR/09	Project of wooden exoskeletons inspired by the LCT for the integrated and sustainable redevelopment of existing buildings	The existing building heritage needs urgent recovery interventions from a seismic, energy and architectural point of view. The construction technology research group has been active for years in the development of exoskeletons for the integrated redevelopment of buildings. Furthermore, in order to achieve the new national and European sustainability objectives, these recovery interventions must be inspired by the principles of Life Cycle Thinking (LCT), in order to ensure disassembly, recyclability/reuse of the elements at the end of their life, damage reduction , etc. The student will have the opportunity to deepen one or more techniques for the construction of wooden exoskeletons for the seismic improvement of existing buildings in reinforced concrete. or masonry. In particular, depending on the student's interest, the study of construction details (e.g. connections or foundations), the role of foundations, the application with reference to a real case study may be deepened.	World Conference on Timber Engineering, 19.-22. June, 2023, Oslo, Norway	To be defined	

13	DIGIU	Francesca Locatelli		For true complementarity between negotiating ADRs and the process	If we want to start a serious discussion on the point of complementarity of the negotiating adr with respect to the civil process, we need to make an in-depth reflection and ask ourselves if we want to limit ourselves to a dispute resolution scheme that can be defined as "independent" or stand alone, i.e. not able to modify in any way the model on which the civil process is built, as occurs in the current conception of negotiation adr in civil and commercial matters, which at most rises to the condition of admissibility of the request, but there is always a moment that celebrates outside the actual process, even in borderline cases in which it is referred by the judge during the case; or if you want to try to imagine a negotiating adr system in which each single phase is in fact designed to work in symbiosis with the one that precedes it and to maintain a usefulness in view of the actual decision-making phase, in the case of failed conciliation (end to end procedural models). The project aims to study the issue as approached in the Cartabia reform (Legislative Decree 149/2022) and as elaborated abroad, through a comparative study, to imagine modification proposals for the corrective decrees envisaged by the Cartabia enabling law and in general de iure condendo in a broader way, for a progression of knowledge.	Masterclass with foreign teachers in May 2023 as part of the Negotiation Lab held by prof. Locatelli	American Univerisity of Rome, Chapman University (USA), Wægger Negotiation Institute (Oslo, Norway)	The project presents a collaboration with a network of Italian and foreign scholars with whom Prof. Locatelli collaborates in the context of the Italian Negotiation Competition
14	DIGIU	Anna Lorenzetti		Overcoming conflicts, recognizing the other.	The project intends to propose a reflection around the conception of alternative ways of overcoming conflicts to traditional justice. Placing itself along the trail traced by the Cartabia Reform which envisaged an open catalog of reparative programs, referring to penal mediation, reparative dialogues and any other possible program, the intention is to propose a platform for reflection on the theme.	Participation in: third mission projects; restorative justice workshops at the correctional facility; training activity with the newly established centres; joint activity with the Municipality of Bergamo "Giustizia in comune" and relating to the victim office		Ufficio giustizia riparativa - Caritas Bergamo
15	DIGIU	Francesco Saverio ROMOLO		Scientific evidence in the EU: how to cross national borders.	As part of the RISEN project (https://www.unibg.it/eventi/progetto-risen-indagini-scientifiche-scena-crimine and https://www.risen-h2020.eu) an in-depth analysis of the lo exchange of information relating to traces found at the crime scene between the different organizations involved in the various European countries. The specific objective is to identify the current legal obstacles for easy and efficient cross-border access to evidence. The ultimate aim is to improve and adapt the methods existing training courses and operational procedures and implement data sharing procedures in the context of cross-border investigations.	Possibility to participate in the project activities, interacting with the partners involved, and in the events for the presentation of the research results.	To be defined	University Institute of Research in Police Sciences - University of Alcalá (UAH-IUICP) - SPAGNA.

16	DIPSA	Silvio Vismara	Research related to the PNRR partnership 9 (GRINS)	Green and Digital Twin Transitions: Digitalisation for the sustainability and inclusiveness of entrepreneurial finance	This research proposal aims to provide an in-depth analysis of digitalisation on entrepreneurial finance and its implications for sustainable, inclusive entrepreneurship. Digitalisation is a rapidly evolving phenomenon that has the potential to revolutionise the way in which financial services are provided and the effectiveness of financial reporting. Digitalisation can enable access to new sources of capital, facilitate greater efficiency across different stages of financing, reduce transaction costs and increase transparency. . This research proposal will explore the potential benefits and challenges associated with digitalisation in this context, as well as discuss policy recommendations for promoting responsible innovation through effective regulation.	7th Entrepreneurial Finance Association (ENTFIN) Conference. 5-7 July, 2023, Antwerp, Belgium: https://www.uantwerpen.be/en/conferences/entrepreneurial-finance-annual-meeting/	Ghent University e/o Antwerp University	Ghent University
17	DIPSA	Bettinelli Cristina Rondi Emanuela		Family firms Succession	The project concerns the analysis of the governance tools of family businesses by identifying in a comparative way the most suitable systems to manage the generational handover (in terms of ownership and managerial leadership) in the civil law (Italy) and common law (UK) systems	Yes: EIASM WORKSHOP ON FAMILY FIRM MANAGEMENT RESEARCH (Napoli, Ottobre 2023)		
18	DIPSA	Laura Mariani, Maria Rosa Scarlata, Mariafrancesca Sicilia	Group involved in PRIN	Open Social Innovation for a Next Generation of Public Governance	Study of social innovation experiences with a view to supporting the creation of Open Social Innovation Labs in various Italian cities. The evidence generated by the research will make it possible to build a knowledge base aimed at institutionalizing models of public governance of social innovation.	Opportunity to participate in events for the presentation of research results	Open University - London	Università di Milano Bicocca, Luiss, Polimi
19	DIPSA	Silvana Signori	EBEN - European Business Ethics Network IABS - International Association for Business & Society	Sustainable Business Models	The research project aims to deepen the concept of Business Model for Sustainability. Specifically, as identified by Schaltegger et al. (2016) a "business model for sustainability helps to describe, analyse, manage and communicate (i) how a company aims to create sustainable value for its customers and all its other stakeholders (value proposition), (ii) how it creates and provides this value, (iii) and how it generates economic value by maintaining or regenerating natural, social and economic capital beyond its organizational boundaries.	IABS Pre-conference writing camp: 5-8 giugno (Bath, UK) IABS Pre-conference Doctoral Consortium: 7-8 giugno (Bath, UK) EBEN Doctoral colloquium: 24-26 maggio (Rimini)		In collaboration with the following networks: EBEN - European Business Ethics Network IABS - International Association for Business & Society
20	DIPSA	Sergio Ortobelli Lozza, Rosella Giacometti, Gabriele Torri	Research group on Financial decision problems	Analysis of multi-objective problems in finance	The study of business models is particularly interesting in the context of sustainability because it explores the logic of value creation of an organization and its effects on stakeholders, and refers to the need to define new forms of cooperative and inclusive governance, thus helping to overcome narrow and excessively focused on short-term profit maximization.	Participation in one of the following conferences: IFORS 2023 (International Federation of Operational Research Societies), which will be held in Santiago (Chile) in July 2023; EWGCFM (Euro working group in commodities and financial modelling) that will be held in Rome next May, 2023	No	Maybe (International University of Rabat -Marocco; VSB TU of Ostrava -Czech Republic)

21	DIPSA	Giovanni Urga, Peter Cincinelli	Part of an informal research group collaborating with several academic colleagues at Bayes Business School and in financial institutions (FSB/BIS)	Modelling Systemic Risk and Bubbles in Financial Markets	The project provides for participation in training events open to PhD students within two important international networks of ethics and corporate sustainability scholars.	TBD	TBD	TBD
22	DIPSA	Vera Lomazzi	Scientific committee of European Values Study (international research group)	European values in time of multiple and consequential crisis: challenges and potentialities	<p>After a period of progressive integration and convergence around European values (as defined in the Treaty of the European Union of 1992), crucial values for social cohesion, such as pluralism, non-discrimination, tolerance, justice, solidarity and equality between women and men, are now challenged by the multiple and consequential crises affecting Europe (economic and financial crisis, health crisis, climate crisis, etc.).</p> <p>The project focuses on the conceptualization of European values, their measurement and comparison across European countries. In particular, it investigates values differences and similarities across European member states in light of current economic, social, political, environmental challenges.</p> <p>From the methodological perspective, the project includes an assessment and a critical review of the measurement of specific values, and of the implementation of mixed-mode of data collection (web survey, face-to-face, etc.) in the last edition of European Values Study to contribute preparing the future potential transition to web-panel.</p> <p>[The European Values Study is a large-scale, cross-national, repeated cross-sectional survey research programme investigating human values since 1981 and covering more than 35 countries.]</p>	Annual workshop of European Values Study (2023: Skopje, North Macedonia), others TBD	Tilburg University (Netherlands), others TBC within the EVS network	Tilburg University, FORS (Lausanne, CH), KU Leuven (BE), GESIS (DE), UniMI (IT), Aalborg University (DK), University of Warsaw (PL), Pázmány Péter Catholic University (HU), Institut d'études politiques de Grenoble (FR), Masaryk University (CZ), Mid Sweden University (SE), University of Bucharest (RO).

PROGETTI IN COLLABORAZIONE CON AZIENDE

ID Progetto	Dipartimento di riferimento	Docente di riferimento	Gruppo di appartenenza (facoltativo)	Titolo progetto	Descrizione progetto	Azienda/ente/organizzazione partner	Richieste specifiche da parte dell'azienda/ente/organizzazione (giorni in sede, full time etc.)
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23	DLLCS	Federica Burini	CUS - Unibg	Sportumanza	This is an event that will take place from 1 to 4 June 2023, in the context of Bergamo-Brescia, the Italian capital of culture. It is a project conceived by the students of the University of Bergamo who participated in the SPORTOUR Summer School between 2021 and 2022, aimed at promoting knowledge of the pastoral tradition and transhumance through the practice of open-air sports activities in the Bergamo mountain valleys	Confindustria; Fassi Gru, CUS, Confindustria Servizi, Awe Sport	da definire
24	DIGIP	Fabiana Pirola	CELS	Definition of the Total Cost of Ownership and the environmental impact of a production machine	To adapt to market needs and thanks to the development of digital technologies, companies are increasingly enriching their product offerings with advanced services, such as subscriptions and equipment-as-a-service formulas. The objective of the project is to estimate the total cost of ownership and the environmental impact of a production machine throughout its life cycle (from purchase to end of life), considering various possible service packages (such as remote monitoring contracts , predictive maintenance).	Smi SpA	No

CORSI DI DOTTORATO APERTI AGLI STUDENTI CHE VERRANNO SELEZIONATI

Dipartimento/i di riferimento	Programma di dottorato	Corso	Periodo di erogazione (mese)	Docente del corso	In presenza o online	Dottorato convenzionato con altre sedi? (Se sì, quali?)
DIGIP	Technology, Innovation and Management	Circular Economy	mag-23	Andrea Genovese	Online	Sì, Università degli Studi di Napoli Federico II
DIGIP	Technology, Innovation and Management	Methods and Tools for sustainability	mag-23	Gianluca D'Urso	Presenza	Sì, Università degli Studi di Napoli Federico II
DIGIP	Technology, Innovation and Management	Applied programming (Matlab + Cenni di Python)	feb/mar-23	Moscato/Casola	Online	Sì, Università degli Studi di Napoli Federico II
DIGIP	Technology, Innovation and Management	From a literature review to a conceptual framework: how to develop research model and hypotheses	mag-23	Centobelli/Esposito/Cerchione	Online	Sì, Università degli Studi di Napoli Federico II
DIGIP	Technology, Innovation and Management	Research topics in Manufacturing and Service Operations Management (M&SOM)	feb-23	Pirola/Sala/Pinto/Gaiardelli/Polenghi	Presenza	Sì, Università degli Studi di Napoli Federico II
DIGIP	Technology, Innovation and Management	METHODS AND TOOLS FOR THE CIRCULAR DESIGN	giu-23	Daniele Landi	Presenza	Sì, Università degli Studi di Napoli Federico II
DISA	Engineering and applied science	Misure termofluidodinamiche	giu-23	Giovanna Barigozzi	Presenza	no
DISA	Engineering and applied science	Influence of additive production technologies on materials properties and advanced characterization techniques	Il semestre	Sergio Lorenzi	Presenza	no
DISA	Engineering and applied science	Materiali strutturali sostenibili a basso impatto ambientale, elevate prestazioni e durabilità' per edifici, infrastrutture e reti di distribuzione	giu-23	Luigi Coppola	Presenza	no
DISA	Engineering and applied science	Electronic Instrumentation and Measurements	giu-23	Valerio Re	Presenza	no
DISA	Engineering and applied science	Life Cycle Thinking and Life Cycle Structural Engineering	gen/feb-23	Chiara Passoni	Presenza	no

DISA	Engineering and applied science	Fundamentals of Displacement Based Design	lug-23	Simone labò	Presenza	no
DLLSC	Studi Umanistici Transculturali	Metodi di analisi spaziale, governance territoriale e mapping per lo sviluppo sostenibile dei territori	Il semestre	Federica Burini e visiting professors	Presenza	no