PUBBLICATO ALL'ALBO WEB IN DATA 25.05.2023

UNIVERSITA' DEGLI STUDI DI GENOVA

AREA RICERCA, TRASFERIMENTO TECNOLOGICO E TERZA MISSIONE
SERVIZIO RICERCA

D.R. n. 2433

IL RETTORE

- Visto il Decreto Rettorale n. 1839 del 19/04/2023, con il quale è stato indetto il concorso, per titoli e colloquio, per il conferimento di n. 1 borsa di ricerca post- laurea di tipo starting della durata di 5 mesi, eventualmente rinnovabili, dell'importo di € 6.000,00 (seimila/00), per lo svolgimento di una ricerca sul tema: "Analisi tipologica del costruito esistente mediante schedatura CARTIS e attività di supporto allo sviluppo del piano di emergenza sismico e analisi multi-rischio del Comune di Genova", presso il DICCA dell'Università degli Studi di Genova;

- Visto il Decreto Rettorale n. 2258 del 16/05/2023 con il quale è stata costituita la Commissione giudicatrice per il conferimento della suddetta borsa di ricerca;

- Visto il verbale della Commissione giudicatrice del concorso in parola, riunitasi in data 23/05/2023;

- Constatata la regolarità della procedura seguita.

DECRETA

Art. 1

Sono approvati gli atti del concorso di cui in premessa e la seguente graduatoria di merito:

1 . Dottor Marco Lazzati punti 87/100

Sotto condizione dell'accertamento dei requisiti di cui al bando, è dichiarato vincitore del concorso in parola il Dottor Marco Lazzati.

Genova, 25.05.2023

IL RETTORE

Responsabile del procedimento: Monica Buffa
Area Ricerca, Trasferimento Tecnologico e Terza Missione
Servizio Ricerca

Firmato digitalmente da:
FEDERICO DELFINO
Università degli Studi di Genova
Firmato il: 24-05-2023 11:24:34
Seriale certificato: 818306
Valido dal 03-11-2020 al 03-11-2023

MARCO LAZZATI

Address:. e-mail:
Tel:

PROFESSIONAL EXPERIENCE

UNIVERSIDADE DO PORTO, *Porto, Portugal* *Sep. 22 – Mar. 23*

Internship

- Development of a new Multi-Hazard Methodology focusing on Cultural heritage buildings
- Study of the vulnerability of masonry buildings (Churches) in Porto (Portugal) to assess the reliability of the Method
- Application of the Methodology to masonry buildings (Churches) in Marche Region (Italy) impacted by the earthquake on November 9th and 16th 2022.

POLITECNICO DI MILANO, *Milan, Italy* *Sep. 20 – May 21*

Computer Technician

- Supporting Professors in running Online Classes during Covid period

CICERO PAOLO ENGINEERING, *Busto Arsizio, Italy* *Sep. 16 – Sep. 19*

Assistant Engineer

- Support to the Civil Engineer Cicero Paolo in different activities
- Building Plan on Autocad (2D) and Revit (3D)
- Visits to Construction Sites, Clients and Municipalities

EDUCATION

UNIVERSITÀ DEGLI STUDI DI GENOVA, *Genova, Italy* *Sep. 20 - Mar. 23*

Master in Engineering for Natural Risk Management

- Thesis: "Definition of Multi-Hazard Vulnerability Indicators for Cultural Heritage Buildings".
  The thesis will be exposed during the COMPDYN 2023 in Athens, Greece (International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering)
- Relevant courses: Remote Sensing and Electromagnetic Techniques for Risk Monitoring, Advance Risk Assessment, Hydro-meteorological Hazards, Seismic Hazard and Risk, Risk in Natural Environments
- Graduation mark: 105/110; GPA: 3.81 (out of 4)

UNIVERSIDADE DO PORTO, *Porto, Portugal* *Sep. 22 – Feb. 23*

Exchange Program

- Internship and Thesis at Universidade do Porto (Supervisor: Xavier Romão)

UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA, *Varese, Italy* *Sept. 16 – Mar. 20*

Bachelor in Engineering for the Security of Workplace and Environment

- Thesis: "Environmental Effects of the Earthquake on December 26th 2018 along Fiandaca's Fault and Sismic Hazard of Etna Area"
  Thesis exposed at BeGeo Convention in Naples during the 1st National Congress of Young Geoscientists in October 2021
- Graduation mark: 88/110; GPA: 3.20 (out of 4)

SKILLS

English: B2 level

Portugese: B1 level

IT: Qgis, Razor, Autocad, Revit, Microsoft Word, Power Point, Excel, Teams

ACTIVITIES AND INTERESTS

Volunteering at Circolo Gagarin (Busto Arsizio) and at Expo 2015 as EU Ambassador.

Travel, Sport, Computer, Photography.

RELEVANCE OF THE STUDY PROGRAM AND ACQUIRED SKILLS IN RELATION TO THE RESEARCH TOPIC

Dear commission,

With great enthusiasm, I express my interest in participating in the "Analisi tipologica del costruito esistente mediante schedatura CARTIS e attività di supporto allo sviluppo del piano di emrgenza sismico e analisi multi-rischio del Comune di Genova" call for proposal. I am convinced that my academic background is ideal, in line, and suitable to meet the required qualifications. In particular, I obtained a three-year bachelor's degree in Ingegneria della sicurezza del lavoro e dell'ambiente, class L-7 (https://www.uninsubria.it/ugov/degree/12148) from the University of Insubria on 27th of March 2020, and a master's degree in Engineering for Natural Risk Management class LM-26 (https://corsi.unige.it/en/corsi/10553) from the University of Genoa on 29th March , 2023.

The skills acquired during my studies, particularly during my master's program, motivate me to compete for the aforementioned proposal. I have taken specific courses on risk management such as "Integrated Risk Assessment and Management," "Risk Impact Assessment II: Impact of Extreme Events on the Built Environment," and specific courses on natural hazards such as "Seismic Hazard and Risk," "Landslide Hazards," "Hydro-Meteorological Hazards," "Atmospheric Dynamics + Impacts of Climate Change," "Impacts of Disasters on Coastal Environments," and "Risk Communication and Perception."

I believe that my master's thesis on multi-risk, entitled "Definition of a indicator-based methodology for the multi-hazard vulnerability of churches" completes my profile and is relevant to the research topic. I worked on my thesis in Porto, Portugal, with Professor Xavier Romao from the University of Porto's Faculty of Engineering. In addition to the research phase, I conducted field assessments to better describe the indicators I selected to evaluate the vulnerability of the buildings under study. The paper I produced will be presented at the COMPDYN convention in Athens in July (https://2023.compdyn.org/). For a more detailed and accurate consultation, I am attaching my thesis and the paper that will be presented at the convention.

I believe that the proposal will allow me to apply the knowledge gained in a comprehensive and integrated view of the field, acquire new skills thanks to the program's experience. In particular, I am interested in deepening my understanding of multi-risk issues, emergency management, environmental sustainability, and the introduction of new technologies. Thank you for your attention, and I am available to provide further information on my academic background and motivation to participate in the proposal.

Best regards, Marco Lazzati