



IUSS

Scuola Universitaria Superiore Pavia

# Doctoral Final Exams PhD in Understanding and Managing Extremes

## Curriculum “Earthquake Engineering and Engineering Seismology”

### Examining Committee:

Prof. Flavia DE LUCA, University of Bristol

Dr. Xavier ROMÃO, University of Porto

Prof. Vlatko SESOV, Ss. Cyril and Methodius University

**KARIM ALJAWHARI:** *“Holistic Seismic Rehabilitation: Integrating Sustainability, Direct, and Indirect Losses in Risk-targeted Retrofit Design and Optimization”*

**ALESSANDRA MILIZIANO:** *“Simplified Frameworks and Tools for the Preliminary Assessment and Prioritization of Integrated Structural and Non-Structural Element Seismic Upgrades”*

**AL MOUAYED BELLAH NAFEH:** *“Advancements in Risk- and Loss-Based Methodologies for Large-Scale Assessment of Non-Ductile Infilled Reinforced Concrete Buildings”*

**RICARDO RODRIGUEZ PLATA:** *“Insights into the Seismic Response of Pile Supported Wharves Subjected to Liquefaction-Induced Ground Deformations: Implications for Design.”*

**NEVENA ŠIPČIĆ:** *“Seismic Risk Assessment for RC Buildings Including Earthquake Sequences”*

**May 23<sup>rd</sup>, 2024 – 2:00 pm**

**CAR College Auditorium**

**Via Luigi Porta 10 – Pavia**

More information:

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