ROSE School

The Tenth International Nigel Priestley Seminar

Collegio Cardinale Agostino Riboldi
Via Luigi Porta, 10 - Pavia, Italy

21-22 May 2026

THE ROSE PROGRAMMES

Created in 2001, the ROSE School (European School for Advanced Studies in Reduction of Seismic Risk) offers three programmes, jointly awarded by the University School for Advanced Studies IUSS Pavia and the University of Pavia, with the support of EUCENTRE and the GEM Foundation:

- ROSE path of the Master of Science in Civil Engineering for Mitigation of Risk from Natural Hazards.
- ROSE Advanced Master's degree in Earthquake Engineering.
- ROSE PhD in Earthquake Engineering.

ROSE courses are delivered in intensive modules lasting from one to four weeks, during which lecturers devote their full attention to teaching and academic activities within the programme. This model ensures the highest standards of education and research training, while giving the ROSE School a distinctive identity defined by its international scope and its innovative approach to advanced learning.

ROSE Master of Science | ROSE Advanced Master | ROSE PhD

THE NIGEL PRIESTLEY SEMINAR

Combining Doctoral defences, PhD research presentations, a Keynote lecture delivered by a distinguished scholar, an overview of Eucentre and ROSE activities and the ROSE Graduation Ceremony, the event provides valuable insight into current research, methodologies, and career paths in earthquake engineering and engineering seismology and represents a key moment in the academic life of the ROSE School. By its nature, the event also fosters exchange and interaction among students, prospective students, researchers, and professionals.
This year's prestigious Keynote Address, entitled ***Bridging Research and Practice: Key Innovations in the Second-Generation Eurocode 8***, will be delivered by **Paolo Franchin**, Professor of Structural Design and Earthquake Engineering at the Sapienza University of Rome.

THE NIGEL PRIESTLEY PRIZE

Established in 2008 and awarded biennially, the Nigel Priestley Prize recognises outstanding contributions to earthquake engineering and engineering seismology.

The 2026 Prize will be awarded posthumously to **Paolo Emilio Pinto**, an internationally renowned scholar whose pioneering work in nonlinear modelling, structural reliability, and seismic risk assessment has profoundly shaped modern earthquake engineering. Among his most influential contributions is the Menegotto-Pinto model, a cornerstone for simulating nonlinear structural response and widely used in advanced analysis software. His work significantly advanced the seismic safety of infrastructure, particularly bridges, and anticipated key principles of modern resilience-based design. Prof. Pinto also maintained a strong connection with Eucentre and the ROSE School, where he trained generations of engineers and researchers worldwide.
The Prize consists of an art piece offering an artistic interpretation of earthquakes and their impact on human beings, the environment, and culture.

SEMINAR PROGRAMME

Thursday, 21 May

14:00-14:30	Registration
14:30-17:00	Doctoral Defences
	Seismic behaviour and retrofitting of masonry vaults in historical churches: an applied element meso-modelling study **Martina Cogliano**
	Integrated seismic and energy efficiency renovation: from regional to building-level strategies **Rita Monteiro Garcia Couto**
	Development of a discrete crack plasticity model for the crack-based assessment of earthquake-damaged reinforced-concrete structures **William Galik**
17:00-17:30	*Coffee break*
17:30-18:30	Session 1 - ROSE PhD Student Presentations
	Risk-targeted capacity design for RC shear wall buildings **José Poveda**
	From multi-objective optimisation to decision-making in seismic retrofitting **Besim Yukselen**
18:30	**Awarding of the ROSE PhD Degree**
20:00	*Seminar Dinner*

Friday, 22 May

10:00-11:00	Session 2 - ROSE PhD Student Presentations
	Seismic response of masonry gables: experimental and numerical studies **Marta Bertassi**
	From informed life-cycle decisions to sustainable seismic retrofit design **Margherita Buttazzoni**
11.00-11:30	*Coffee break*
11:30-13:00	Session 3 - ROSE PhD Student Presentations
	Autonomous Seismic Protection: a new paradigm in earthquake engineering **Carlo Fontana**
	Seismic fragility assessment of Turkish RC frame buildings using representative simulated building models accounting for damage accumulation **Serkan Hasanoglu**
	Characterization of building vulnerability for 2023 Turkiye - Syria earthquake sequence using recorded and 3D physics-based simulated ground motions **Basar Yucel**
13:00-14:30	*Light lunch*
14:30-15:30	**Keynote Lecture:** **Bridging Research and Practice: Key Innovations in the Second-Generation Eurocode 8** **Paolo Franchin** - *Sapienza University of Rome*
15:30-16:00	**Conferral of the Nigel Priestley Prize 2026**
	Overview of Eucentre and ROSE activities
16:00	**Graduation Ceremony**
	Closing Cocktail

ATTENDING THE EVENT

In addition to ROSE faculty and students, up to 50 external participants may be admitted, with professionals and researchers from around the world invited to take part in the event. Those wishing to attend the Seminar are kindly invited to refer to the contacts below.

VENUE

The ROSE activities are carried out in Pavia, a historic town in northern Italy (35 km from Milan), renowned for its long-standing academic tradition.
The Seminar will take place at the Collegio Riboldi, a landmark structure dating back to the second half of the seventeenth century, purposely refurbished to serve as an international residence for postgraduate students and visiting scholars working in the field of natural hazard risk mitigation.
The venue is centrally located in Pavia, at Via Luigi Porta, 10.

CONTACT INFORMATION

C/o Eucentre Foundation - Via Adolfo Ferrata, 1 - 27100 Pavia (Italy)
Phone: +39 0382.5169876 | E-mail: info@roseschool.it
Website: www.roseschool.it

EUCENTRE
FOR YOUR SAFETY.

IUSS
Scuola Universitaria Superiore Pavia

UNIVERSITÀ
DI PAVIA

GEM
GLOBAL EARTHQUAKE MODEL

Finanziato dall'Unione europea
NextGenerationEU

Ministero dell'Università e della Ricerca

Italiadomani
PIANO NAZIONALE DI RIPRESA E RESILIENZA