ERIES

2026 International Workshop in Engineering Research Infrastructures for European Synergies (ERIES-IW2026)

25-27th May 2026 | Pavia, Italy | EUCENTRE Foundation

Organised by:

IUSS
Scuola Universitaria Superiore Pavia

In collaboration with:

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The 2026 International Workshop in Engineering Research Infrastructures for European Synergies (ERIES-IW2026) will be on May 25th-27th in Pavia Italy, and will mark the concluding event of the ERIES project, showcasing its achievements, impact, and long-term outcomes. Bringing together transnational access (TA) users and partners, the workshop will provide a unique platform to reflect on experiences, present results, and highlight advances in seismic, wind, and geotechnical engineering research made possible through ERIES. With its mission of reducing hazard-related losses, managing risk, and supporting sustainable solutions, the event will not only celebrate the research enabled by Europe's leading experimental facilities but also examine how these efforts are shaping engineering practice, policy, and building standards. As the final milestone of ERIES, the workshop will strengthen collaboration, distill key lessons, and demonstrate the project's lasting contribution to resilience and sustainability in European engineering.

Organising Committee

Gerard O'Reilly, IUSS Pavia, Italy (Chair)
Gian Michele Calvi, IUSS Pavia, Italy (Vice-Chair)
Rui Pinho, Eucentre Foundation, Italy (Vice-Chair)
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António Araújo Correia, Laboratório Nacional de Engenharia Civil, Portugal
Philippe Delpech, Centre Scientifique et Technique du Batiment, France
Stefanie Gillmeier, Technische Universiteit Eindhoven, Netherlands
George Mylonakis, University of Bristol, United Kingdom
Roberto Nascimbene, IUSS Pavia, Italy
Alberto Pavese, Eucentre Foundation, Italy
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Maria Pia Repetto, Università degli Studi di Genova, Italy
Vlatko Sheshov, Cyril and Methodius University in Skopje, Republic of North Macedonia
Anastasios Sextos, University of Bristol, United Kingdom
Darius Seyedi, Commissariat à l'Energie Atomique et aux Energies Alternatives, France
Georgios Tsionis, Joint Research Centre, Italy

Workshop Programme | Short Version

25th May - Monday

09:00-10:30	Registration	
10:30-11:00	Welcome Address	Collegio Nuovo
11:00-11:15	Overview of the ERIES Project	Collegio Nuovo
11:15-13:00	■ Main Session 1: **Earthquake, Wind and Geotechnical Engineering**	Collegio Nuovo
13:00-14:30	*Lunch*	Collegio Nuovo
14:30-16:00	▼ Parallel Session 1: **Wind Engineering**	Aula Multimediale (Eucentre)
14:30-16:00	▼ Parallel Session 2: **Earthquake Engineering**	Eucentre/Collegio Nuovo
16:00-16:30	*Coffee Break*	Collegio Nuovo
16:30-18:30	▼ Parallel Session 3: **Wind Engineering**	Aula Multimediale (Eucentre)
16:30-18:30	▼ Parallel Session 4: **Earthquake Engineering**	Collegio Nuovo

26th May - Tuesday

09:30-10:45	▼ Parallel Session 5: **Wind Engineering**	Collegio Nuovo
09:30-10:45	▼ Parallel Session 6: **Earthquake Engineering**	Aula Multimediale (Eucentre)
10:15-10:45	▼ Parallel Session 7: **Geotechnical Engineering**	Aula 1 (Eucentre)
10:45-11:15	*Coffee Break*	Eucentre/Collegio Nuovo
11:15-13:00	▼ Parallel Session 8: **Wind Engineering**	Collegio Nuovo
11:15-13:00	▼ Parallel Session 9: **Earthquake Engineering**	Aula Multimediale (Eucentre)
11:15-13:00	▼ Parallel Session 10: **Geotechnical Engineering**	Aula 1 (Eucentre)
13:00-14:30	*Lunch*	Collegio Nuovo
14:30-15:15	■ Main Session 2: **Earthquake, Wind and Geotechnical Engineering**	Collegio Nuovo
15:15-15:45	**Round Table Discussion: Open Research Data**	Collegio Nuovo
15:45-16:30	**Interactive Session: Policy and Impact within ERIES**	Collegio Nuovo
16:30-17:00	*Coffee Break*	Eucentre
17:00-18:00	**Experimental test demonstration on 9DLAB at Eucentre Foundation**	Eucentre LAB02
18:00-19:00	**ERIES General Assembly Meeting (Reserved)**	Aula Multimediale (Eucentre)
19:30	*Social Dinner*	CAR College

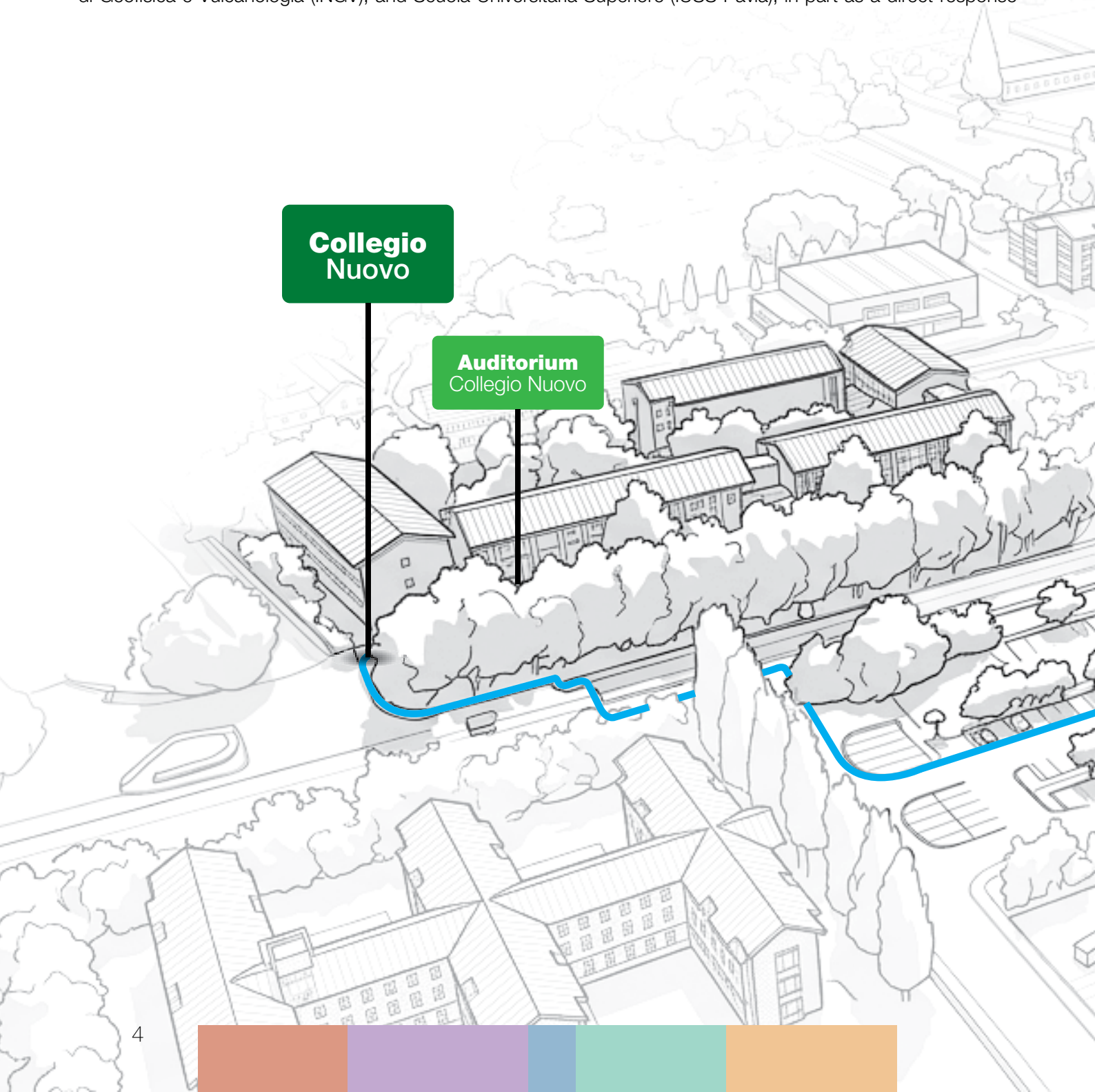
27th May - Wednesday

09:00-10:45	▼ Parallel Session 11: **Wind Engineering**	Collegio Nuovo
09:00-10:45	▼ Parallel Session 12: **Earthquake Engineering**	Aula 3 (Eucentre)
10:45-11:15	*Coffee Break*	Eucentre/Collegio Nuovo
11:15-12:15	■ Main Session 3: **Earthquake, Wind and Geotechnical Engineering**	Collegio Nuovo
12:15-13:00	**Closing Address & Best Young Researcher Presentation Award**	Aula Multimediale (Eucentre)
13:00-14:30	*Farewell Lunch*	Collegio Nuovo

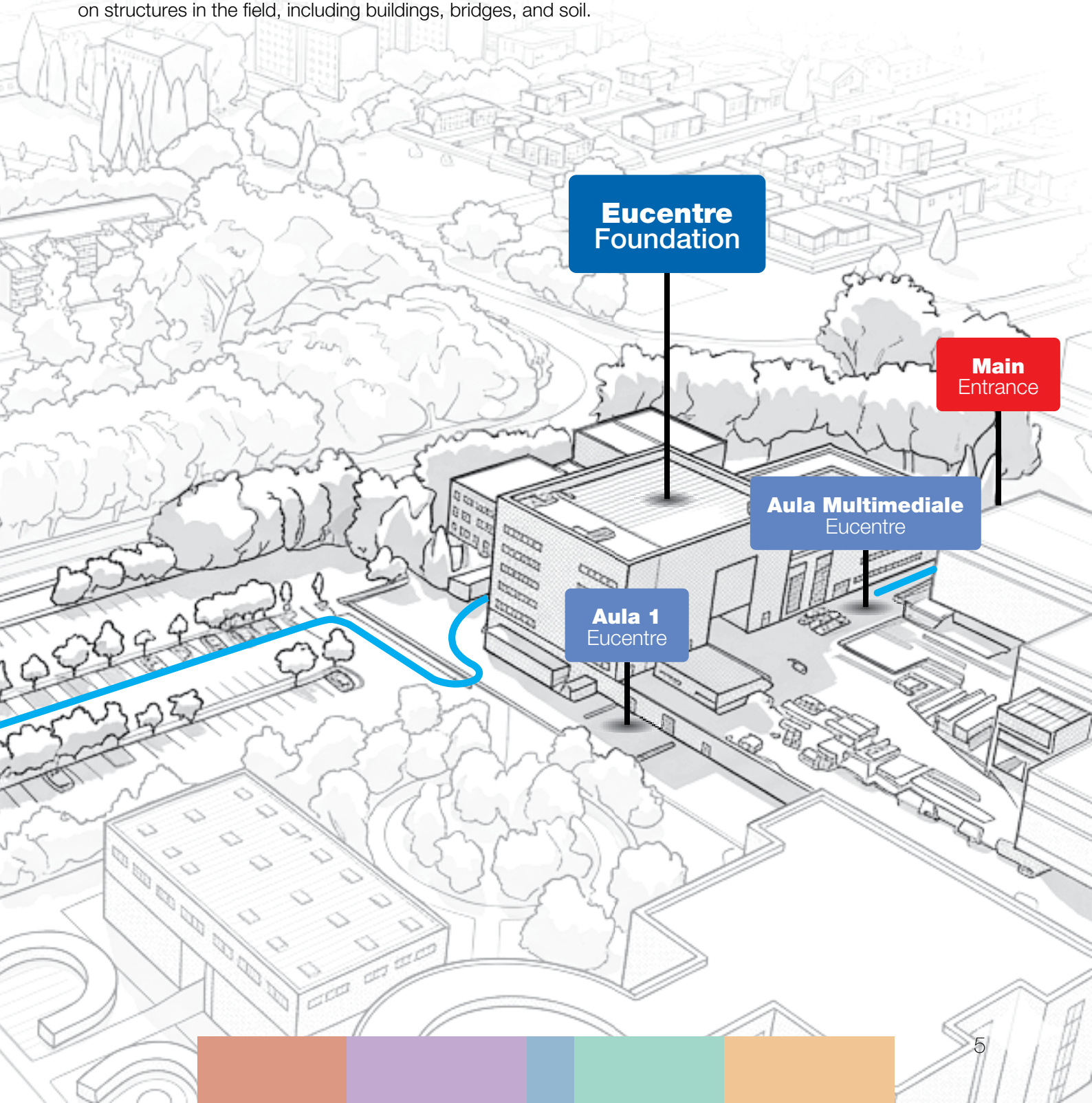
Workshop Map

Collegio Nuovo (Fondazione Sandra e Enea Mattei) was founded in 1978 by Sandra Bruni Mattei, an industrialist who dedicated her entire estate to the social and cultural advancement of talented young university students. Set within a generous park in the heart of the University of Pavia's scientific and technological campus, the College hosts 115 students in a vibrant, international community, offering a rich array of academic and cultural facilities. Collegio Nuovo is also an institutional member of the Scuola Universitaria Superiore (IUSS Pavia), one of Italy's few special-status graduate schools of advanced studies, reinforcing its role at the forefront of high-level research and education. Its spacious grounds, auditorium, and gardens make it an ideal setting for the plenary sessions and convivial breaks of our workshop.

The European Centre for Training and Research in Earthquake Engineering (Eucentre Foundation) was established in Pavia in 2003, on the initiative of the Italian Civil Protection Department, the University of Pavia, Istituto Nazionale di Geofisica e Vulcanologia (INGV), and Scuola Universitaria Superiore (IUSS Pavia), in part as a direct response



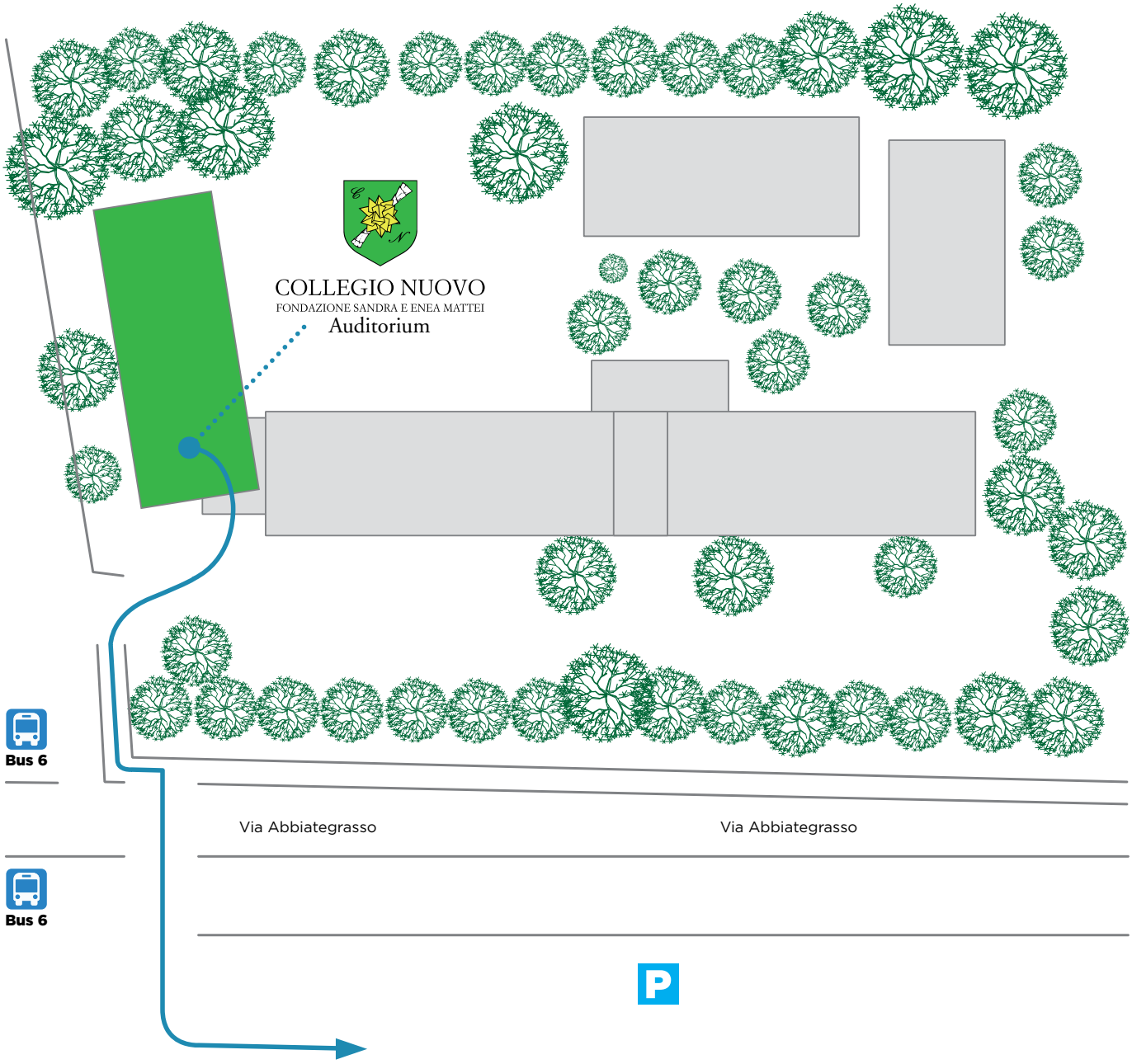
to the 2002 San Giuliano earthquake. A non-profit organisation, Eucentre promotes and develops research and training in the field of risk reduction, with a particular focus on seismic hazard. Eucentre's experimental facilities are among the most advanced in Europe, capable of executing static and dynamic tests on large and real-scale specimens. The Shake-Lab houses a high-performance uniaxial shaking table (5.6 × 7.0 m, up to 140 t payload) able to replay any recorded natural earthquake, alongside a strong floor–reaction wall system for pseudo-static, pseudo-dynamic and hybrid bi-directional tests on full-scale buildings and structural elements. The 9DLAB will host a live experimental demonstration on Tuesday afternoon, giving workshop participants a first-hand view of state-of-the-art seismic testing in action. Eucentre also operates a unique dynamic testing system for bearings and isolators capable of applying vertical forces up to 50 MN on real-scale devices. The Mobile Laboratory, housed in a self-contained truck trailer with a 500 kW power generator, allows full dynamic testing to be carried out directly on structures in the field, including buildings, bridges, and soil.



Workshop Detailed Map

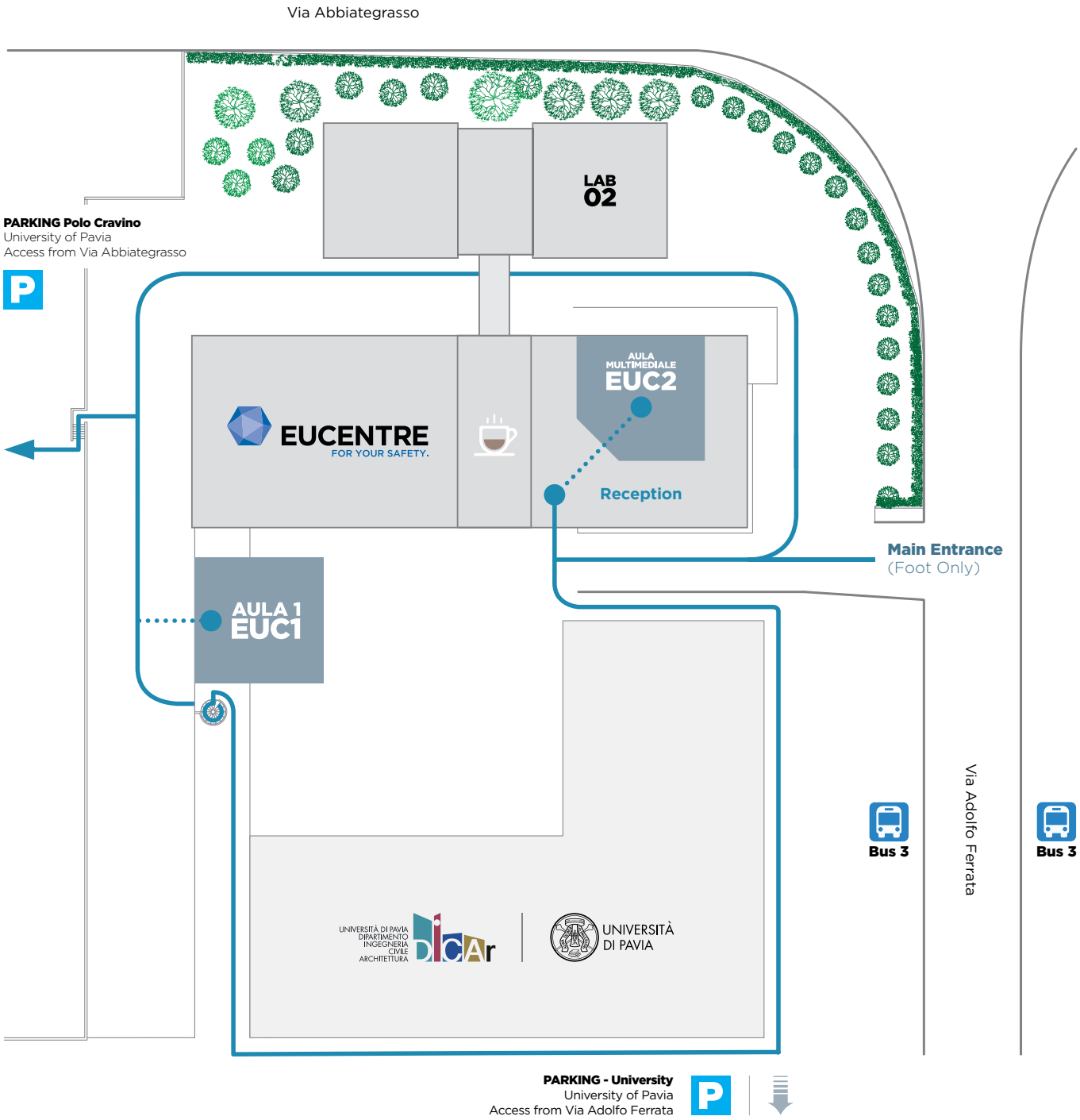
Plenary sessions will take place in the large Auditorium of Collegio Nuovo, a residential college of the University of Pavia located directly across the road from Eucentre. The two venues are just a minute's walk apart. Simply exit Eucentre's main entrance onto Via Ferrata and Collegio Nuovo is immediately opposite. Once you reach the workshop venue, no transport is needed at any point during the day.

Parallel sessions will be held in either Collegio Nuovo Auditorium or the Aula Multimediale within the Eucentre building. Coffee breaks and lunches will be served either in the beautiful gardens of Collegio Nuovo or in the courtyard of



Eucentre, depending on the time of day, making it a wonderful opportunity to relax, catch up with colleagues, and enjoy the surroundings.

When sessions are not scheduled, the Aula 1 and Aula 3 of the Eucentre building will be openly available to work and have conference calls for attendees who also need to catch up on other responsibilities while attending the workshop.



*Best Young Researcher Presentation Award Candidate

25th May - Monday

09:00-10:30 **Registration** — Collegio Nuovo

10:30-11:00 **Welcome Address** — Collegio Nuovo
Speakers: **Gian Michele Calvi, Mario Martina, Rui Pinho**

11:00-11:15 **Overview of the ERIES project** — Collegio Nuovo
Speaker: **Gerard O'Reilly**

11:15-13:00 ■ Main Session 1: **Earthquake, Wind and Geotechnical Engineering** — Collegio Nuovo
Chairing: Gerard O'Reilly

11:15-12:00 **Keynote Lecture: The Role of Building Parameters in Damping Ratios and Natural Frequencies for Wind-Resistant Design**
Speaker: **Yukio Tamura**

12:00-12:30 **Plenary Talk: ERIES large-scale tests at the SoFSI Facility of the University of Bristol: challenges and de-risking strategies**
Speaker: **Anastasios Sextos**

12:30-13:00 **Plenary Talk: Multiscale and multidisciplinary wind engineering: The ERIES experience at the University of Genoa**
Speaker: **Maria Pia Repetto**

13:00-14:30 *Lunch* — Collegio Nuovo

14:30-16:00 ▼ Parallel Session 1: **Wind Engineering** — Aula Multimediale (Eucentre)
Chairing: **Stefanie Gillmeier**

ERIES-TNG: Insights into the mechanics of tornado vortex wandering
Aleksander Pistol, Mark Sterling, Mike Jesson, Girma Bitsuamlak, Fred L. Haan, Tibebu Birhane, Yealemnegus Waktola, Gregory A. Kopp
Speaker: **Aleksander Pistol**

ERIES-TRANSWindS: Investigating the transient aerodynamics induced by non-synoptic winds on low-rise structures
Stefano Brusco, A. Berk Can Yildirim, Tsinuel N. Geleta, Yingzhu Meng, Mohammad A. Neshat, Hao-Yu Bin, Rigoberto Morales Hernández, Alessio Ricci, Gregory A. Kopp, Giuseppe Piccardo, Maria Pia Repetto
Speaker: **Giuseppe Piccardo**

ERIES-WhICH-ROUGH: Wind actions on high rise structures downstream terrain roughness discontinuities
Fabio Rizzo, Avossa, Alberto, Maria, Dora Foti, Gillmeier Stefanie, Rudiger Hoeffer, Jakobsen, Jastan, Bogunovic, Jayakumari, Radhakrishnan, Jayakumari, Anjali, Renata Klaput, Malasomma Antonio, Pistol Aleksander, Winkelmann Ulf, Francesco. Ricciardelli
Speaker: **Fabio Rizzo**

ERIES-ProMoTWA: Thunderstorm action modelling – laying the foundation for a probabilistic framework
Francesco Ricciardelli, Fabio Rizzo, Alberto M. Avossa, Tibebu Birhane, Girma Bitsuamlak, Maksim Faronov, Chris Geurts, Mark J. Parker, Vincenzo Picozzi, Mark Sterling, John D. Sørensen
Speaker: **Francesco Ricciardelli**

* **ERIES-TLTB: Thunderstorm loading on tall buildings**
Camila Aldereguía Sánchez, Stefano Torre, Edoardo Ruffini, Anna Bagnara, Federica Tubino, Giuseppe Piccardo, Maria Pia Repetto
Speaker: **Camila Aldereguía Sánchez**

ERIES-TFCA: Downburst loading on vertical and horizontal structures
Mario Morello, Amedeo Cesare Giovanni Bertini, Maria Vittoria Salvetti, Alessandro Mariotti, Ahmed Mohamoud, Tristan Cormier, Tibebu Birhane, Girma T. Bitsuamlak
Speaker: **Alessandro Mariotti**

14:30-16:00 ▼ Parallel Session 2: **Earthquake Engineering** Collegio Nuovo

Chairing: **António Correia**

ERIES-VERDI: Frequency content influence on the seismic behavior of a historic masonry tower
Moein Mirzaei, Nuno Mendes, Alberto Barontini, Nicola Cavalagli, Enrique García-Macías, Maria Giovanna Masciotta, Filippo Ubertini, Paulo B. Lourenço
Speaker: **Paulo B. Lourenço**

ERIES-SUPREME: Seismic out-of-plane response of masonry gables
Nicolò Damiani, Marta Bertassi, Satyadhrik Sharma, Marco Smerilli, Michele Mirra, Igor Lanese, Elisa Rizzo Parisi, Gerard O'Reilly, Francesco Messali, Francesco Graziotti
Speaker: **Nicolò Damiani**

ERIES-STRONG: Timber-based seismic strengthening of existing masonry-infilled RC structures
Andrea Bartolotti, Francesco Smiroldo, Nikolaos Stathas, Stathis Bousias, Nicolò Damiani, Francesco Graziotti, Angeli Albino, Dmytro Dizhur, Ivan Giongo
Speaker: **Ivan Giongo**

* **ERIES-REVAULTs: Overview of experimental activities and blind prediction competition**
Chiara Calderini, Sinan Acikgoz, Nicoletta Bianchini, Chiara Cirabisi, Chiara Ferrero, Marco Lamperti Tornaghi, Paulo Lourenço, Nuno Mendes, Francisco Javier Molina, Simone Peloso, Marco Peroni, Daniel Pohoryles, Giulio Lucio Sergio Sacco, Marialuigia Sangirardi
Speaker: **Chiara Cirabisi**

ERIES-ENFRAG: Energy-based characterisation of earthquake damage in masonry infills
Roberto Gentile, Giulia Angelucci, Jingren Wu, Marilisa Di Benedetto, Riccardo Milanesi, Giulio Augusto Tropea, Fabrizio Mollaioli, Fatemeh Jalayer, Fabio Freddi, Fabio Di Trapani, Paolo Morandi, Gerard J. O'Reilly
Speaker: **Roberto Gentile**

* **ERIES-RESTORING: In-plane cyclic response of masonry piers retrofitted with CRM and FRM**
Madalena Ponte, Larisa Garcia-Ramonda, Igor Lanese, Gerard J. O'Reilly, Elisa Rizzo Parisi, Francesco Graziotti, Luca Pelà, Andrea Penna, Guido Magenes, Rita Bento, Gabriele Guerrini
Speaker: **Madalena Ponte**

16:00-16:30 *Coffee Break* Eucentre/Collegio Nuovo

16:30-18:30 ▼ Parallel Session 3: **Wind Engineering** Aula Multimediale (Eucentre)

Chairing: **Giuseppe Piccardo**

* **ERIES-LIDAR: LiDAR measurements of downslope winds and their impact on port areas**
Ivana Ivancic, Hrvoje Kozmar, Branko Grisogono, Neven Hadžic, Djordje Romanic, Alessio Ricci, Massimiliano Burlando
Speaker: **Ivana Ivancic**

ERIES-AEROBURST: Experimental investigation of bridge deck loading and response to downburst winds
Sebastian Knedahl Hansen, Øyvind Wiig Petersen, Aksel Fenerci, Ole Øiseth
Speaker: **Øyvind Wiig Petersen**

ERIES-CLIMATHUNDERR: Thermodynamic effects on downburst winds through large-scale experiments in a climatic wind chamber
Federico Canepa, Anthony Guibert, Andi Xhelaj, Josip Zuzul, Djordje Romanic, Alessio Ricci, Horia Hangan, Jean-Paul Bouchet, Philippe Delpech, Olivier Flamand, Massimiliano Burlando
Speaker: **Federico Canepa**

ERIES-POLISHED: CFD correlation in full scale of wind tunnel dispersion tests
Luis Felipe Sánchez Castro, João Muralha, Guilherme Vas, Eric Roosenboom, Anjali Radhakrishnan, Stefanie Gillmeier
Speaker: **Luis Felipe Sánchez Castro**

ERIES-BOLT: A WindEEE dome benchmark dataset for the experimental characterization of thunderstorm wind effects on lattice towers
Ileana Calotescu, Costin-Ioan Cosoiu, Horia Hangan, Kim Adamek, Tibebu Birhane, Girma Bitsuamlak
Speaker: **Ileana Calotescu**

ERIES-PRIORR: Pollutant re-introduction investigation for occupational risk reduction - an experimental benchmark
Romain Guichard, Anjali Krishnan Radhakrishnan Jayakumari, Stefanie Gillmeier, Ali Bahloul
Speaker: **Romain Guichard**

16:30-18:30 ▼ Parallel Session 4: **Earthquake Engineering** Collegio Nuovo
Chairing: **Stathis Bousias**

ERIES-NOBLE: Seismic performance of nonplanar beam-slab to shear wall connections - experimental campaign and preliminary test results
Dionysis Biskinis, Hossein Ebrahimian, Nikolaos Stathas, Stathis Bousias, Juan Murcia-Delso, Jesús-Miguel Bairán, Noemí Duarte, Paul Edisson Luna Castilla, Christis Chrysostomou, Nicholas Kyriakides, Fatemeh Jalayer, Elpida Georgiou
Speaker: **Hossein Ebrahimian and Juan Murcia-Delso**

ERIES-RecycleSlab: Seismic behaviour of flat slabs with drop panels made with reinforced recycled aggregate concrete
António Ramos, Alejandro Enfedaque, Carla Marchão, Dario Coronelli, Duarte Faria, Fausta Fiorillo, Gianpaolo Rosati, Jaroslav Halvonik, Javier Molina, João Pacheco, Jorge de Brito, Luca Martinelli, Luciano Nuccio, Marco Lamperti, Marco Peroni, Miguel Fernandez Ruiz, Robert Vollum, Rui Marreiros, Simone Peloso
Speaker: **António Ramos**

ERIES-DICABE: Preliminary insights from full-scale tests on the in-plane capacity of beam-and-block floors
Andrea Belleri, Alessandra Marini, Chiara Passoni, Simone Labò, Michele Milesi, Nikitas Nikolaos, Flavia De Luca, Raffaele De Risi, Mohammad Numan Aloko, Enrico Spacone, Guido Camata, Mario Rodriguez, Massimo Petracca, Elisa Rizzo Parisi, Cristina Curti, Igor Lanese, Gerard J. O'Reilly
Speaker: **Andrea Belleri**

* **ERIES-ENFRAG: Engineering demand parameters for damage state identification of masonry infills under in-plane cyclic loading**
Marilisa Di Benedetto, Fabio Di Trapani, Jingren Wu, Giulio Augusto Tropea, Giulia Angelucci, Fabrizio Mollaioli, Paolo Morandi, Riccardo Milanesi, Fatemeh Jalayer, Fabio Freddi, Gerard J. O'Reilly, Roberto Gentile
Speaker: **Marilisa Di Benedetto**

ERIES-TRUST: Seismic control of rocking buildings with inerters: analysis and design for shake table testing
Christian Málaga-Chuquitaype, Yixuan Zhang, Bohumil Kasal, Cagatay Demirci, Angela Poposka, Andreja Kutnar, Juan Li, David Esolano
Speaker: **Christian Málaga-Chuquitaype**

ERIES-RESUME: Seismic performance of RC frame models strengthened with a hybrid timber-aluminium exoskeleton: experimental results
Antonio Formisano, Aleksandra Bogdanovic, Antonio Shoklarovski, Marco Domaneschi, Emilia Meglio, Julijana Bojadjieva, Zoran Rakicevic, Vlatko Sesov, Filip Manojlovski, Angela Poposka, Toni Kitanovski, Dejan Ivanovski, Raffaele Cucuzza, Valentina Villa, Giuseppe Carlo Marano
Speaker: **Antonio Formisano**

26th May - Tuesday

09:30-10:45 ▼ Parallel Session 5: **Wind Engineering** — Collegio Nuovo

Chairing: **Olivier Flamand**

* **ERIES-ValUr: A high-fidelity database for validation of urban pollution dispersion models - wind tunnel experimental campaign overview**
Petar Hristov, Mariya Pantusheva, Stefanie Gillmeier, Radostin Mitkov, Anjali Radhakrishnan Jayakumari, Vasilis Naserentin, Anders Logg
Speaker: **Mariya Pantusheva**

ERIES-CRANES: Wind tunnel study of wind loads on a ship-to-shore container crane under synoptic and non-synoptic inflow
Gertjan Glabeke, Thomas Arnoult, Marija Rešetar, Edoardo Ruffini, Mekdes Tadesse Mengistu, Felix Nieto, Hrvoje Kozmar, Giuseppe Piccardo, Maria Pía Repetto, Massimiliano Burlando, Jeroen van Beeck
Speaker: **Gertjan Glabeke**

* **ERIES-DisDeck: Free-vibration wind tunnel tests of a distortionable bridge cross-section**
Guillermo Martínez-López, Camila Aldereguía Sánchez, Luca Roncallo, Giuseppe Piccardo, Roland Wüchner, Maria Pia Repetto, Carlos Lázaro
Speaker: **Guillermo Martínez-López**

ERIES-FLAMBeRG: Advantages and specifics of aeroelastic flexible cable models produced with additive technologies
Arsenii Trush, Stanislav Pospíšil, Olivier Flamand, Armando Carusone, Karel Dejmal
Speaker: **Arsenii Trush**

09:30-10:45 ▼ Parallel Session 6: **Earthquake Engineering** — Aula Multimediale (Eucentre)

Chairing: **Volkan Ozsarac**

ERIES-VERDI: Nonlinear simulation of a scaled masonry tower under shaking table tests using the applied element method
Eleonora Mariucci, Nicola Cavalagli, Enrique García-Macías, Maria Giovanna Masciotta, Alberto Barontini, Madalena Ponte, Vasco Bernardo, Filipe L. Ribeiro, Paulo X. Candeias, Nuno Mendes, Paulo B. Lourenço, Filippo Ubertini
Speaker: **Nicola Cavalagli**

ERIES-ECORE: Lightweight concrete structure for seismic areas - dynamic test challenges and outcomes
Dietlinde Köber, Christoph Butenweg, Mongabure Philippe, Darius Seyedi, Lorenzo Miccoli, Markus Hesse, Maria Nomikou, Vasilis Kaloidas, Marius Dumitrescu, Felix Bernauer, Christoph Czaderski
Speaker: **Dietlinde Kober**

* **ERIES-ColCap: Shake-table testing of a EC8 2nd generation compliant full-scale RC frame to collapse**
Andrea Orgnoni, Carlo Fontana, Giammaria Gabbianelli, Rui Pinho, António A. Correia, Filipe Ribeiro, Madalena Ponte, Paulo Candeias, Vasco Bernardo, João Almeida
Speaker: **Andrea Orgnoni**

ERIES-RACKSLIDE: Shake table testing of pallet sliding on steel racks: testing vs blind prediction
Dimitrios Tsarpalis, Dimitrios Vamvatsikos, Christos Lachanas, Akrivi Chatzidaki, Michalis Vassiliou, Kemal Can Struja, Dimitrios Konstantinidis, Christoph Adam, Nicholas Kyriakides, Athanasia Kazantzi, Konstantinos Bakalis, Giuseppe Abbiati, Filippo Delladonna, Giuseppe Fabbri, Luca Suttera, Arturo di Gioia, Igor Lanese, Gerard J. O'Reilly
Speaker: **Dimitrios Vamvatsikos**

10:15-10:45 ▼ Parallel Session 7: **Geotechnical Engineering** Aula 1 (Eucentre)

Chairing: **Vlatko Sesov**

ERIES-GEOTESLA: Experimental research of the effects of chemical-electrokinetic soil stabilisation technique on the seismic behaviour of slopes
Elefterija Zlatanovic, Zoran Bonic, Nemanja Marinkovic, Nikola Romic, Nebojša Davidovic, Snežana Djoric-Veljkovic, Vlatko Sesov, Julijana Bojadjieva, Kemal Edip, Dejan Ivanovski, Toni Kitanovski, Dimitar Gosev, Aleksandra Bogdanovic, Zoran Rakicevic, Angela Poposka, Antonio Soklarovski, Filip Manojlovski, Ernesto Cascone, Dimitris Pitilakis, Tamara Nestorovic
Speaker: **Elefterija Zlatanovic**

ERIES-PERSEFONE: Permanent effects in rocking shallow or embedded foundations occurring after earthquakes
Teresa Lusi, Daniele Losanno, Anna d'Onofrio, Dimitris Pitilakis, Francesco Silvestri, Filomena de Silva
Speaker: **Filomena de Silva**

10:45-11:15 *Coffee Break* Eucentre/Collegio Nuovo

11:15-13:00 ▼ Parallel Session 8: **Wind Engineering** Collegio Nuovo

Chairing: **Jean-Paul Bouchet**

* **ERIES-ICEQUANT: Experimental evaluation of a non-contact multi-sensor framework for bridge-cable icing observation and ice-shedding detections**
Dexu Cai, Christos T. Georgakis, Thomas Kabel, Jean-Paul Bouchet, Bruno Gauducheau, Carlotta Pia Contiguglia, Giuseppe Quaranta, Cristoforo Demartino
Speaker: **Dexu Cai**

ERIES-EXTRALOADINPORTS: Wind flow and induced load effects on containerships under non-synoptic extreme winds
Alessio Ricci, Andi Xhelaj, Josip Žužul, Federico Canepa, Djordje Romanic, Franklin T. Lombardo, Birhane Tibebu, Mark J. Parker, Girma Bitsuamlak
Speaker: **Alessio Ricci**

ERIES-WENSS: Wind-effects on non-standard shapes and structures
Ann-Kathrin Goldbach, Anoop Kodakkal, Rodrigo Castedo-Hernandez, Guillermo Martínez-López, Máté Péntek, Kai-Uwe Bletzinger, Roland Wüchner, Kimberly Adamek, Tibebu Birhane, Girma Bitsuamlak
Speaker: **Anoop Kodakkal**

ERIES-THRUST: Wind tunnel tests on a Savonius turbine in turbulent environment
Krzysztof Doerffer, Piotr Doerffer, Joanna Grzelak, Józef Kotus, Luisa Pagnini, Giuseppe Piccardo, Maria Pia Repetto
Speaker: **Luisa Pagnini**

ERIES-ACCREFOIL: Force coefficients and ice accretion tests of a modified NACA 63-3-620 airfoil
Antonio J. Alvarez, Felix Nieto, Poorya Poozesh, Bruno Gauducheau, Jean Paul Bouchet
Speaker: **Antonio J. Alvarez**

ERIES-WES: Best practice for pedestrian level wind assessments using wind tunnel testing
Giulio Vita, Stefanie Gillmeier, Stefano Cammelli, Aidan McLoughlin, Andrew Nicoli, Anjali K. R. Jayakumari, Mingzhe He, Rubina Ramponi
Speaker: **Giulio Vita**

ERIES-CU-BOLD: Doppler lidar analysis of the coastal urban boundary layer and urban heat island
Alessio Ricci, Yaohong Ren, Djordje Romanic, Massimiliano Burlando
Speaker: **Alessio Ricci**

11:15-13:00 ▼ Parallel Session 9: **Earthquake Engineering** Aula Multimediale (Eucentre)

Chairing: **Igor Lanese**

ERIES-SAFE 3D PRINTED-CS: Seismic response of a full-scale monolithic 3D-printed housing unit
Valentino Sangiorgio, Enrico Spacone, Guido Camata, Raffaele De Risi, Tansu Gokce, Flavia De Luca, Matt Dietz, Adam Crewe, Dimitris Karamitros, George Mylonakis, Anastasios Sextos, André Furtado, José Melo, Humberto Varum
Speaker: **Raffaele De Risi or Anastasios Sextos**

ERIES-HYSTERESIS: Design and implementation challenges of geographically distributed hybrid testing at European level
Ihsan Engin Bal, Eleni Smyrou, Stylianos Kallioras, Oh-Sung Kwon, Tansu Gökçe, Kamer Özdemir, Xu Huang, Stathis Bousias, Anastasios Sextos, Nikolaos Stathas, Roberto Tomasi, Angelo Aloisio, George Mylonakis, Solomon Tesfamariam, Flavia De Luca, Konstantinos Angelopoulos
Speaker: **Ihsan Engin Bal**

* **ERIES-RE-SAFE: Shaking table test of RC framed building strengthened by e-CLT system**
Erika Licciardello, Francesca Barbagallo, Edoardo M. Marino, Luca Pozza, Antonio Romanazzi, Ihsan Bal, Eleni Smyrou, Angelo Aloisio, Roberto Tomasi, Paulo Candeias, Antonio Correia, Claudio Mazzotti
Speaker: **Erika Licciardello**

ERIES-VERDI: Dynamic characterization of a scaled stone masonry tower prior to shaking table tests
Maria Giovanna Masciotta, Alberto Barontini, Enrique García-Macías, Nicola Cavalagli, Madalena Ponte, Vasco Bernardo, Paulo Candeias, Nuno Mendes, Paulo B. Lourenço, Filippo Ubertini
Speaker: **Maria Giovanna Masciotta**

* **ERIES-DOUBLEDAMP: Shaking table tests of precast RC buildings with added DOUBLEDAMP: a novel 2D dissipative connection for seismic risk mitigation**
Alessandra Aprile, Pierre-Etienne Charbonnel, Thierry Chaudat, Flavia De Luca, Raffaele De Risi, Eleonora Grossi, Alper Ilki, Sener Kolemenoglu, Paolo Livieri, Liana Ostetto, Raffaella Rizzoni, Hugo Rodrigues, Seyedi Darius, Romain Sousa, Sandra Vasic, Yanik Arcan, Matteo Zerbin
Speaker: **Eleonora Grossi**

ERIES-DOUBLEDAMP: Blind prediction competition 2025-2026
Alessandra Aprile, Pierre-Etienne Charbonnel, Thierry Chaudat, Flavia De Luca, Raffaele De Risi, Eleonora Grossi, Alper Ilki, Sener Kolemenoglu, Paolo Livieri, Liana Ostetto, Raffaella Rizzoni, Hugo Rodrigues, Darius Seyedi, Romain Sousa, Sandra Vasic, Arcan Yanik, Matteo Zerbin
Speaker: **Arcan Yanik**

* **ERIES-TRUST: Shake table tests on a post-tensioned CLT rocking structure with damage-avoidance detailing**
Yixuan Zhang, Kasal, Bohumil, Poposka, Angela, Aleksandra Bogdanovic, Cagatay Demirci, Andrej Kutnar, Juan Li, David Esolano, Zoran Rakicevic, Antonio Shoklarovski, Filip Manojlovski, Dejan Ivanovski, Igor Markovski, Julijana Bojadjieva, Toni Kitanovski, Vlatko Sheshov, Christian Málaga-Chuquitaype
Speaker: **Yixuan Zhang**

11:15-13:00 ▼ Parallel Session 10: **Geotechnical Engineering** Aula 1 (Eucentre)

Chairing: **Anastasios Sextos**

ERIES-HELIQUAKE: Dynamic soil structure interaction effects in helical steel pile foundations
Peter Bourne-Webb, Teresa M. Bodas Freitas, Dimitris Pitilialis, Anastasios Anastasiadis, Alkmini-Chara Livanidou Konstantinos Georgiadis, Paulo Marques, Edgar Godinho, Stavroula Kontoe, David Taborda, Hauke Zachert Joaquin Liaudat
Speaker: **Peter Bourne-Webb**

ERIES-Poundback2: Investigation of deck-abutment-backfill interaction under seismic pounding
Tansu Gokce, Hala Mehyar Abu Shehab, Cristoforo Demartinio, Ziliang Zhang, Dimitris Karamitros, Elias Dimitrakopoulos, Raffaele Di Laora, Raffaele De Risi, Adam Crewe, Matt Dietz, Tony Horseman, David Williams, Bruno Briseghella, Davide Lavorato, Tatjana Isakovic, Anastasios Sextos, George Mylonakis, Camillo Nuti, Andreas Kappos, Flavia De Luca
Speaker: **Tansu Gokce**

ERIES-SCOUR&SHAKE: Experimental assessment of the influence of foundation scour on the dynamic response of bridge piers through shaking table tests
Mauro Aimar, Maria Pina Limongelli, Sotirios Argyroudis, Mohamed Belmokhtar, Elisa Bertolesi, Nicola Brusa, Sandro Carbonari, Christophe Chevalier, Andrea Ciancimino, Ivan Cottone, Adam Crewe, Flavia De Luca, Raffaele De Risi, Francesca Dezi, Matthew Dietz, Asaad Faramarzi, Sebastiano Foti, Fabrizio Gara, Pier Francesco Giordano, Tansu Gokce, Tony Horseman, Dimitris Karamitros, Luca Martinelli, Stergios Aristoteles Mitoulis, Marlio Molina Manrique, Othmane Lasri, Panagiotis Panetsos, Eleonora Perugini, Emmanouil Rovithis, Franziska Schmidt, Enrico Tubaldi, Elia Voyagaki, David Williams, George Mylonakis, Anastasios Sextos
Speaker: **Mauro Aimar**

ERIES-MAS-SIF: An innovative approach to allow the measurement acquisition of soil-structure impedance functions
Julien Clement, David Bouhjiti, Dimitris Pitilakis
Speaker: **Dimitris Pitilakis**

ERIES-POLIS: Performance of expanded polystyrene as a geotechnical seismic isolation system: evidence from full-scale testing
Michele Placido Antonio Gatto, Lorella Montrasio, Chiara Amendola, Eleni Filoglou, Dimitris Pitilakis, Hing Ho Tsang
Speaker: **Michele Placido Antonio Gatto**

ERIES-GSIRST: Geotechnical seismic isolation with gravel–rubber trenches: full-scale experimental results
Juan Bernal-Sanchez, John McDougall, Daniel Barreto, Vasiliki Dimitriadi, H.H. Tsang, Dimitrios Pitilakis, Athanasios Anastasiadis, Jack Leak, Alan Rendon
Speaker: **Juan Bernal-Sanchez**

ERIES-RESPOND: Recorded data from real-scale forced vibration tests on dynamic impedances of pile groups
Raffaele Di Laora, Raffaele Cesaro, Emmanouil Rovithis, Luca de Sanctis, George Anoyatis, Stjin Francois, Eleni Filoglou, Chiara Amendola, Georgia Kroupi, Anastasios Kapouniaris, Anastasios Anastasiadis, Dimitris Pitilakis
Speaker: **Raffaele Di Laora**

13:00-14:30 *Lunch* Collegio Nuovo

14:30-15:15 ■ Main Session 2: **Earthquake, Wind and Geotechnical Engineering**
Chairing: **Gerard O'Reilly** Collegio Nuovo

14:30-15:15 **Keynote Lecture: Understanding the seismic behavior of existing older precast concrete buildings: current status and research needs**
Speaker: **Svetlana Brzev**

15:15-15:45 **Round Table Discussion: Open Research Data**
Speakers: **Stathis Bousias, Georgios Tsionis, Rui Pinho, Gerard O'Reilly**

15:45-16:30 **Interactive Session: Policy and Impact within ERIES**
Speaker: **Gerard O'Reilly**

16:30-17:00	*Coffee Break*	Eucentre
17:00-18:00	**Experimental test demonstration on 9DLAB at Eucentre Foundation**	Eucentre LAB02
18:00-19:00	**ERIES General Assembly Meeting (Reserved)**	Aula Multimediale (Eucentre)
19:30	**Social Dinner**	CAR College

27th May - Wednesday

09:00-10:45 ▼ Parallel Session 11: **Wind Engineering** — Collegio Nuovo

Chairing: **Maria Pia Repetto**

ERIES-VORSEA: From laboratory to reality
Alessandro Giusti, Andi Xhelaj, Alessio Torrielli, Andrea Orlando, Olivier Flamand
Speaker: **Alessandro Giusti**

ERIES-FLOATINGSOLAR: Wind effects on floating photovoltaic systems
Anina Glumac, Olivier Flamand, Jonas Thor Snaebjoernsson, Theophile Bresson, Serge Garey, Djordje Romanic, Jasna Bogunovic Jakobsen
Speaker: **Anina Glumac**

* **ERIES-WonV1: Experimental aerodynamic characterization of vertiports**
Mohammad Amir Neshat, Mekdes Tadesse Mengistu, Giuseppe Piccardo, Maria Pia Repetto, Edward Canepa, Dario Milani
Speaker: **Mohammad Amir Neshat**

ERIES-SOLAR: Non-synoptic wind loads on solar panels
Petar Škvorc, Antonio J. Álvarez, Tibebu Birhane, Kimberley Adamek, Peter Hartford, Ewann Passelac Estrada, Balint Soós, Thomas Arnoult, Gertjan Glabeke, Julien Christophe, Christophe Schram, Branko Grisogono, Girma Bitsuamlak, Jeroen van Beeck, Felix Nieto, Hrvoje Kozmar
Speaker: **Hrvoje Kozmar**

ERIES-EOLICS: The use of experimentally determined aerodynamic coefficients for the reconstruction of wind loads on antenna masts
Bruno Clavelo, Kristof Maes, Patricia Martín, Vivian Elena, Federica Tubino, Giuseppe Piccardo, Maria Pía Repetto, Geert Lombaert
Speaker: **Geert Lombaert**

ERIES-SSTURBBO: Wind tunnel tests for assessing the effect of small and large scale turbulent flows in the aerodynamic and aeroelastic responses of a ratio 3:2 rectangular prism
Antonio Jose Alvarez, Kenny C.S. Kwok, L. Patruno, Hao-Yu Bin, Edward Canepa, Mohammad Amir Neshat, Giuseppe Piccardo, Maria Pia Repetto, Felix Nieto
Speaker: **Antonio Jose Alvarez**

ERIES-BOLT: Comparison of experimental, numerical, and code-based aerodynamic force coefficients of a lattice tower section
Costin-Ioan Cosoiu, Ileana Calotescu, Kim Adamek, Tibebu Birhane, Girma Bitsuamlak
Speaker: **Costin Ioan Cosoiu**

09:00-10:45 ▼ Parallel Session 12: **Earthquake Engineering** — Aula Multimediale (Eucentre)

Chairing: **Flavia De Luca**

ERIES-FLEJOI: Comparative shaking table investigations on the response of two rubber-based flexible joint systems for enhancing seismic performance of masonry-infilled reinforced concrete structures
Enrico Tubaldi, Simone Galano, Alessandro Lotti, Gams, Matjia, Marinkovic, Marko, Filip Manojlovski,

Aleksandra Bogdanovic, Zoran Rakicevic, Julijana Bojadzieva, Vlatko Sheshov, Matija Boškovic, Christoph Butenweg, Nemanja Krtinic, Fabio Freddi, Daniele Losanno, Prateek Dhir, Hamid Ahmadi
Speaker: **Enrico Tubaldi**

ERIES-FREISUST: Cumulative response of a base isolated building with fiber-reinforced elastomeric isolators under 3D shaking table tests
Daniele Losanno, Shiv Prakash, Pio Medaglia, Fulvio Parisi, Dimitrios Konstantinidis, Enrico Tubaldi, Hamir Ahmadi, Alfred Strauss, Dario De Domenico, Dimitrios Vamvatsikos, Christos Lachanas, Michalis Vassilou, Filipe Luis Alves Ribeiro, António Araújo Correia
Speaker: **Daniele Losanno**

* **ERIES-PASFIT: Long-term field response of a friction-pendulum isolation system**
Aldo Rapone, Paolo M. Calvi, Giammaria Gabbianelli, Tracy C. Becker, Halûk Sucuoglu, Bryan Chalarca, Igor Lanese, Elisa Rizzo-Parisi, Filippo Dacarro, Gerard J. O'Reilly
Speaker: **Aldo Rapone**

* **ERIES-ColCap: Blind prediction competition from shake table tests of a full-scale EC8 2nd gen compliant RC frame to collapse**
Andrea Orgnoni, Carlo Fontana, Giammaria Gabbianelli, Rui Pinho, António A. Correia, Filipe Ribeiro, Madalena Ponte, João Almeida
Speaker: **Andrea Orgnoni**

ERIES-SC-RESTEEL: Advancing seismic resilience of self-centring steel MRFs: from component testing to large-scale shake table testing
Fabio Freddi, Massimo Latour, Elena Elettore, Ali Roumieh, Antonella B. Francavilla, Sabatino Di Benedetto, Fernando Gutierrez-Urzua, Ludovica Pieroni, Shahab Ramhormozian, Barbara Simpson, Andre Barbosa, Gianvittorio Rizzano, Damian Grant, Filipe Ribeiro, Antonio Correia
Speaker: **Fabio Freddi**

ERIES-BIOFACE: Advancing seismic resilience & low-carbon design: shake-table experiments of full-scale building envelopes and partitions
Simona Bianchi, Guido Lori, Kyujin Kim, Daniele Perrone, Nebojša Buljan, Jonathan Ciurlanti, Giovanni Milan, Damian Rogan, Sarah Hoogenboom, Willem Böttger, Nina Rodenburg, Valérie Hayez, Ghislain Rivron, Marco Garofalo, Chiara Dalle Nogare, Mauro Overend, Igor Lanese, Elisa Rizzo Parisi
Speaker: **Simona Bianchi**

ERIES-IMMENSE: Mechanical and dynamic response characteristics of exposed column base connections interacting with soil
Ahmed Elkady, Horacio Domínguez, Thomasz Falbroski, Eleni Filoglou, Georgia Kroupi, Anastasios Anastasiadis, Dimitris Pitilakis, Dimitrios Lignos and Lignos
Speaker: **Dimitrios Lignos**

10:45-11:15	*Coffee Break*	Eucentre/Collegio Nuovo
11:15-12:15	■ Main Session 3: **Earthquake, Wind and Geotechnical Engineering** Chairing: **Gerard O'Reilly**	Collegio Nuovo
11:15-11:45	**Plenary Talk: Advances in wind engineering pushed up by ERIES** Speaker: **Olivier Flamand**	
11:45-12:15	**Plenary Talk: ERIES Experimental Testing at LNEC: Driving Innovation for a Sustainable and Resilient Built Environment** Speaker: **Antonio Correia**	
12:15-13:00	**Closing Address & Best Young Researcher Presentation Award** Speakers: **Gerard O'Reilly, Gian Michele Calvi**	Collegio Nuovo
13:00-14:30	**Farewell Lunch**	Collegio Nuovo

HOW TO REACH US

From the Airport

There are three international airports close to Pavia. Milan Linate is the closest at 50km, Milan Malpensa is at 90km and Orio al Serio (Bergamo) is found at 100km.

Linate Airport

A taxi from Linate to Pavia will cost around € 110/130.
Alternatively, it is possible to take the M4 line of the Milan underground from the Linate Airport station to the Dateo station, and from there take the S13 railway line to the Pavia station (the total journey lasts approximately 45 minutes). The cost of the train ticket is 4 euros.
Further information can be found on the **Malpensa/Linate website (https://milanairports.com/en)**.

Malpensa Airport

There is no direct connection between Malpensa and the Eucentre Foundation nor Pavia centre. You will have to go through the city of Milan. You might land at either Malpensa 1 or Malpensa 2 (Easyjet) and there are various options from there:

- From Malpensa Terminal 1, you take the Malpensa Express train, that arrives in Milan at Cadorna or Central station. A single ticket costs € 13 and the train takes about an hour to arrive. From there one can take the green metroline to Milan Central Station. **From Milan Central Station there are trains going to Pavia (timetables can be found at the Trenitalia website). From the Central Station of Pavia take the bus to the Eucentre Foundation – see below.
- Taking the bus to Milan Central Station (right outside both Malpensa Terminal 1 and 2). There are buses almost every 15 minutes during the day, operated by MalpensaShuttle or Autostradale; cost of a single ticket is € 10. It takes about 45 minutes from Terminal 1, 35 minutes from Terminal 2. From there, follow the route as described above**
- A taxi from Malpensa to Pavia centre/the Eucentre Foundation will cost around € 160/180.

Further information can be found on the **Malpensa/Linate website (https://milanairports.com/en)**.

Orio al Serio Airport (Bergamo)

This is the Ryanair Airport for 'Milan'. There is no direct connection between the airport of Orio al Serio and Pavia. A taxi from Orio al Serio to Pavia will cost around €180/200. Otherwise the fastest way to reach the Eucentre Foundation is to take a bus to Milan Central station (regular services are operated by both Orio Shuttle and Autostradale cost around € 12) and from there take a train to Pavia.
Further information can be found on the **Orio al Serio website (http://www.milanbergamoairport.it/it/)**.

Using Public Transport

Train

There is regular train service between Milan and Pavia:

- Intercity trains are fastest and usually only stop at Milan Central and Pavia Central station. You need a specific ticket, which costs €9 for a single trip. See for more information.
- There are many regional trains. Some stop at many small stations on the route, others only at the Milan Rogoredo and Milan Lambrate stations. A single ticket costs €4.20.
- There is a commuter train between Milan and Pavia (S13, operated by Trenord). The train departs from Bovisa and stops at all major metro stations.

Other directions; from Pavia it is easy to reach Genoa, and the coast of Liguria, as well as Voghera and Alessandria.

Bus

There are two bus lines connecting the Pavia's Central Station to the Eucentre Foundation: bus 3 and bus 6. Tickets (€ 1,50 for a single journey) can be bought on board of the bus. There are two variants of bus 3; please

check which one you take. The one going to Colombarone is easiest.

- **BUS 3 – Colombarone** - Leaves in the street behind the station's square, at the other end of the street. Get out at the stop 'Tibaldi'. It leaves you across the street from the fence of the Eucentre building. On the left of the fence, you can call the Secretariat to open it.
- **BUS 3 – Maugeri-Mondino** - Leaves in the street behind the station's square, at the other end of the street. Get out at the stop 'Fermata Istituti Universitari'. It leaves you 5 minutes from the building. Look at the map how to arrive from here at the Eucentre Foundation.
- **BUS 6 – C. Pelizza** - Leaves behind the station, at via Brichetti. Get out at the stop 'Abbiategrasso – Instituto Volta'. Walk on until you see a blue gate on your right. Cross the parking, going to the left end and find a set of stairs going down. Cross the small street and see the stairs going up again. From here, walk to the second building on your left.

By Taxi

Just outside the Central Station of Pavia you find the taxi stand. To get to the Eucentre Foundation premises. A ride would cost between 10€ and 15€ and it would be best to ask the driver to take you to "Eucentre, Via A. Ferrata, 1".

By Car

From Milan or Genoa (A7)

Take the highway A7 Milan-Genoa, exit 'Pavia Nord-Bereguardo'. Then head to Pavia, continue for approximately 10km and take the exit at Pavia Centro-Via Riviera. Turn left, under the road (Via Tibaldi), pass the second roundabout and turn into the first entrance on the right, onto the Eucentre parking lot (cubical building with blue windows on the right).

SS35 From Milan (SS35)

Follow instructions for Pavia until you come across a bypass road. Take the exit Pavia Ovest-Abbiategrasso, turn right, proceed straight on the main road -past the pedestrian crossing / traffic light and turn right at the roundabout, then take the first entrance on the right to enter the Eucentre parking lot (cubical building on the right with blue windows).

A21 From Turin-Piacenza (A21)

Take the exit Casteggio-Casatisma-Pavia on the A21 (connection A21-SS35). Proceed on the SS35 towards Pavia. Once you enter the bypass road, take the exit 'Istituti Universitari'. After the interchange, take the flyover, turn right, then turn left at the roundabout. Go along the road that surrounds the University terrain, and turn into the last entrance on the left (before the roundabout), onto the Eucentre parking lot (cubical building on the right with blue windows).

Shuttle service

A shuttle service will be provided to and from the workshop location each day. These will be scheduled to arrive in time for the first session and leave shortly after the last one ends.
Specific details will be communicated via email prior to the Event.
The buses will drop you off at the same location where you were picked up.
In order to ensure that there is sufficient space and buses for everyone, please ensure that you have responded to the poll on which pickup location you will arrive at.

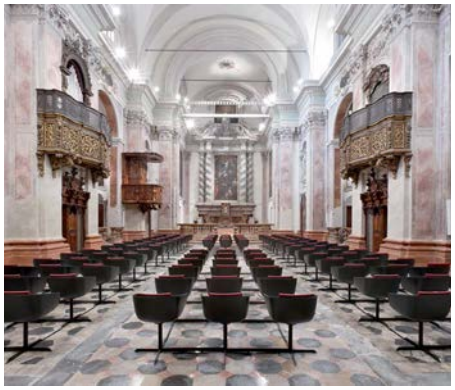
Social Dinner

Find us on Google Maps

The workshop social dinner will take place on the evening of Tuesday, May 26th at CAR College (Collegio Cardinal Riboldi), via Luigi Porta 10, in the heart of historic Pavia. The venue is within easy walking distance of most hotels in the city centre.

CAR College occupies a magnificent 17th-century building, together with the adjoining Church of Saints Giacomo and Filippo. The result is a setting of rare elegance: centuries-old brick architecture, stone-paved courtyards, and the hushed beauty of a historic sacred space, all carefully restored to blend historical character with modern comfort.

CAR College was founded in 2007 under the auspices of the Italian Civil Protection Department and the ROSE School, continuing the long tradition of Pavia's great historic colleges such as the Almo Collegio Borromeo and the Collegio Ghislieri. Its mission is to host students and academics from across the world and support the international community of researchers and scholars working in earthquake engineering and seismology. It is a place where history, scholarship, and conviviality come together in a truly unique atmosphere.



Experimental test demonstration

Workshop participants are invited to a live experimental demonstration at Eucentre's 9DLAB facility, one of the most innovative seismic testing facilities in the world. The 9DLAB is a joint initiative of the Eucentre Foundation and IUSS Pavia, combining the expertise of two institutions at the forefront of earthquake engineering research and training. At its heart is a unique double shaking table configuration: a six-degree-of-freedom table on the lower level, paired with an additional three-degree-of-freedom table positioned just a few metres above it. The two tables can operate independently, working in concert to replicate the localised differential shaking experienced between adjacent floor slabs within a real structure, a phenomenon that conventional single-table setups cannot faithfully reproduce. While the payload capacity of the 9DLAB is more modest than Eucentre's larger uniaxial shaking table, its flexibility and capacity for versatile, multi-table test configurations are unmatched anywhere in the world.

The test consists of a series of seismic input runs of progressively increasing intensity, up to structural collapse, applied to a full-scale office box specimen. The specimen represents a typical non-structural fit-out system found in open-plan office partitioning, corporate headquarters, healthcare facilities, etc., and comprises a floating floor system, a self-supporting false ceiling, full-height glazed partition walls and melamine-faced particleboard panels.

The specimen is intended to reproduce the installation conditions between the fourth and fifth floor of a six-storeys RC building subjected to the ground motion recorded in Norcia, Italy, during the 2016 earthquake (Mw 6.5). The seismic demand experienced by the specimen - corresponding to the filtered and amplified motion at the two floor levels - is derived through numerical modelling.

The simultaneous, independent excitation of the specimen at both its base and top boundary interfaces is made possible by the unique configuration of the IUSS–Eucentre 9DLAB system, specifically designed for this purpose.

ERIES

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Coordinator

IUSS
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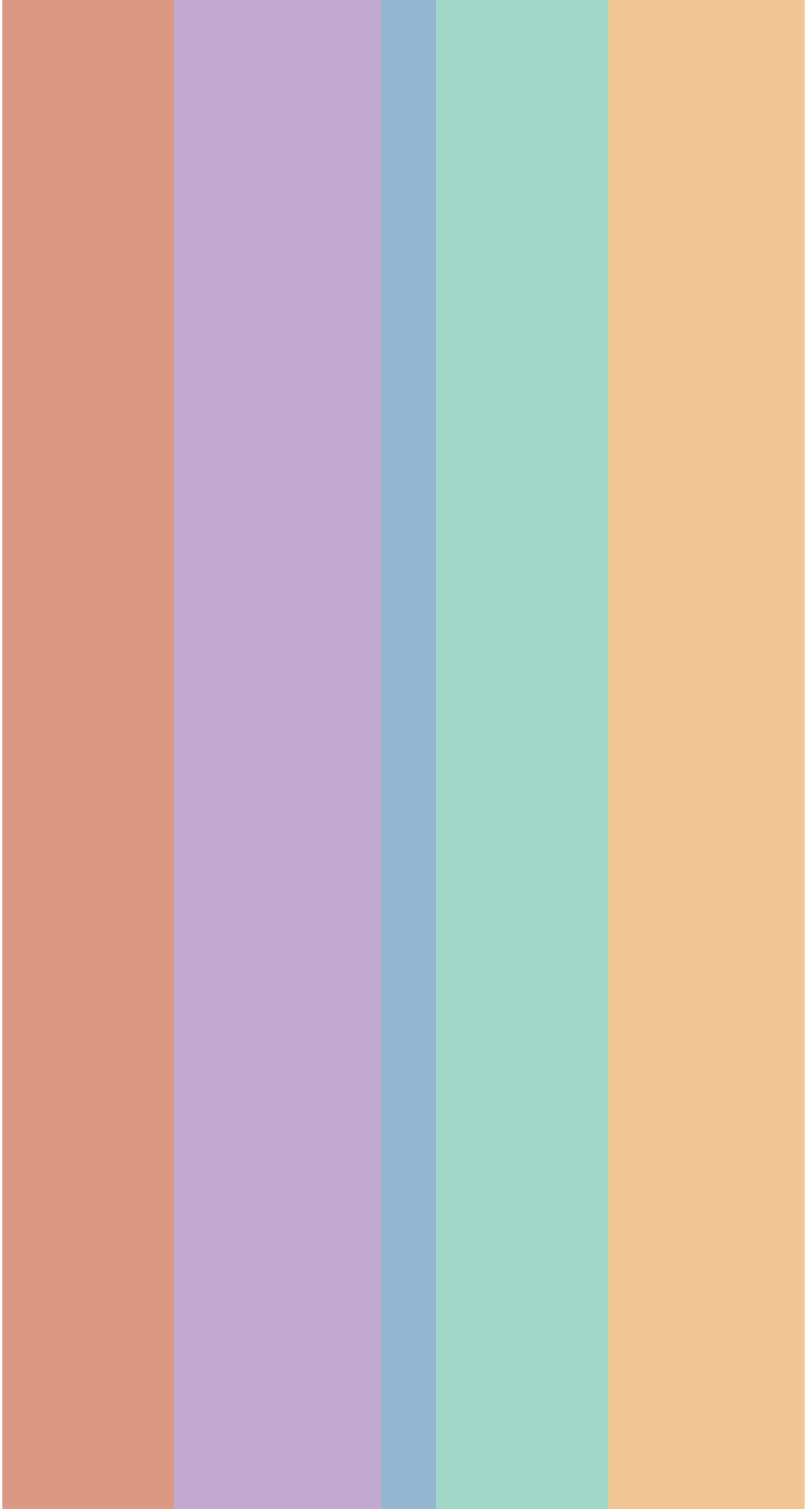

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