CONFERENCE OF ENGINEERING AND
ARCHITECTURE DESIGN EDUCATION

EADE25

*Digitalisation of Engineering
and Architecture Education*

12-14 June 2025
PAVIA, ITALY
UNIVERSITY OF PAVIA

VISIT: arch.pg.edu.pl/eade
WRITE TO US: EADE2025.wa@pg.edu.pl

THE CONFERENCE

2025 Conference on Engineering and Architecture Design Education

EADE-2025

Digitalisation of Engineering and Architecture Education

Under the joint patronage of the Faculty of Architecture at Gdańsk University of Technology, Gdańsk, Poland; the Faculty of Architecture at Cracow University of Technology, Kraków, Poland; the Faculty of Architecture at the University of Pristina, Pristina, Kosovo; the Faculty of Architecture and Design at Slovak University of Technology in Bratislava, Bratislava, Slovakia; the Faculty of Architecture at Wrocław University of Science and Technology, Wrocław, Poland; and the **World Institute for Engineering and Technology Education (WIETE)**; in collaboration with the Department of Civil Engineering and Architecture at the University of Pavia, Pavia, Italy - these institutions organise jointly the 2025 Conference on Engineering and Architecture Design Education (EADE-2025) to **take place at the Department of Civil Engineering and Architecture at the University of Pavia,** Pavia, Italy, **between 12 and 14 June 2025**.

At this stage, the Commonwealth Science and Technology Academy for Research (C-STAR), Chennai, India, a Partner Institutions of the WIETE, is the Conference Co-sponsor. It is anticipated that the number of Co-sponsors and Support Organisations will increase as several other institutions consider becoming involved in this endeavour.

This 2025 Conference on Engineering and Architecture Design Education (EADE-2025) follows the successful 2024 Conference on Engineering and Architecture Design Education (EADE-2024) held in Bratislava, Slovakia; EADE-2023, held in Wrocław, Poland; the EADE-2021 held in Bratislava, Slovakia, over the Internet, due to the Covid-19 pandemic; the EADE-2020 held in Gdańsk, Poland, also over the Internet; the EADE-2019 held in Kraków, Poland; and the EADE-2018, held in Bratislava, Slovakia, in 2018; and builds on the series of extremely successful international conferences held in the past by the UICEE and WIETE, such as the World Conference on Technology and Engineering Education (Kraków 2010, Ljubljana 2011, Athens 2014 and Bratislava 2015); the World Conference on Engineering Education (Sydney 1989, Portsmouth 1992, Minneapolis-St. Paul 1995); the East-West Congress on Engineering Education (Kraków 1991, Łódź 1993, Gdynia 1996) and, then, the Global Congress on Engineering Education (Kraków 1998, Wismar 2000, Glasgow 2002, Bangkok 2004 and New York 2006), to name a few. Based on such previous extensive experience, the present Conference **is a continuation of the international effort of sharing and exchanging ideas**, experiences and achievements within the international community of technology and engineering, as well as engineering and architecture educators in this case. Conference Patrons

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Cracow University of Technology
Kraków, Poland

Faculty of Architecture
University of Pristina
Pristina, Kosovo

Faculty of Architecture and Design
Slovak University of Technology in Bratislav
Bratislava, Slovakia

Faculty of Architecture
Wrocław University of Science and Technology,
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Department of Civil Engineering and Architecture,
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PAVIA 12th-14th JUNE

12th June

1ST DAY CONFERENCE
AULA SPALLANZANI_ KOSMOS MUSEUM

Registration
Openings
Plenary session
Conference session
Kosmos Museum visit

13th June

2ND DAY CONFERENCE
AULA SPALLANZANI_ KOSMOS MUSEUM

Conference session
Social Dinner

14th June

3RD DAY CONFERENCE
AULA SCARPA_ UNIVERSITY OF PAVIA

Planary session
Conference session
Pavia City Center Visit_ Guide Tour

TRAIN STATION

10'

KOSMOS MUSEUM

9'

AULA SCARPA

13'

PIAZZA VITTORIA

14'

PONTE COPERTO

FERRARI RESTAURANT

WHERE

PROGRAMME

12th June

Aula Spallanzani, Kosmos Museum
Piazza Botta 9, 27100 Pavia

9:30		**Registration**		
09:45		**Openings**		
		Federico Forneris	Vice-rector for Research University of Pavia	
		Antonella Forlino Matteo Alvaro	Pro-rector for internationalization Rector's Delegate for International Relations in Europe University of Pavia	
		Andrea Penna	Director of Department of Civil Engineering and Architecture University of Pavia	
		Jakub Szczepanski	Member of Advisory Board of the World Transactions on Engineering and Technology Education (WIETE)	
		Francesca Picchio Justyna Borucka	Organizers of EADE2025 Conference University of Pavia Gdańsk University of Technology	
10:30		**Plenary Session**		
		Keynote Speaker Prof. Lucyna Nyka	Gdańsk University of Technology	
11:00		**Coffee Break**		
11:30		**Conference Session** **TOPIC 1 - Active methodologies and creativity support** Chairs: Lucyna Nyka, Stanislav Avsec		
15 min	11:30	Karolina Życzkowska Špela Hudnik	Gdańsk University of Technology	Experimental Strategies for Presenting Architectural Projects: The Role of Digital Technologies in Students' Creative Development
	11:45	Joanna Jabłonska Joanna Gronostajska-Kadecka	Wrocław University of Science and Technology	Tutoring for doctoral students
	12:00	David Rihtaršič Brina Kurent Stanislav Avsec	University of Ljubljana	Integration of Sustainable Development Goals in Vocational Education: Comparative Analysis and Insights from Slovenia
12:15		**Round Table** Chairs: Francesca Picchio, Justyna Borucka, Francesca Galasso, Michał Kwasek		
13:00		**Lunch Break**		
14:30		**Kosmos Museum Visiting**		

13th June

Aula Spallanzani, Kosmos Museum
Piazza Botta 9, 27100 Pavia

9:30		Registration		
10:00		**Conference Session** **TOPIC 2 - Artificial intelligence and digital tools in teaching** Chairs: Joanna Jabłonska, Barbara Gronostajska		
15 min	10:00	Denis Rupnik Stanislav Avsec	University of Ljubljana	Critical artificial intelligence literacy for future professionals in technology and engineering
	10:15	Piotr Marciniak	Poznan University of Technology	Digitally or Analogue? Alternative Experimental Methods in Architectural Education and Heritage Preservation
	10:30	Ľubica Vitková Zuzana Suchánková Pavel Beták Katarína Steul Zaťková	Slovak University of Technology	Application of qualitative-qualitative methods in the education of architects.
	10:45	Paweł Siemaszko Konrad Jasiewicz	Gdańsk University of Technology	Poster Presentation Culture Heritage Routes Team Research Project presentation
11:00		**Coffee Break**		
11:30		**Conference Session** **TOPIC 2 - Artificial intelligence and digital tools in teaching** Chairs: Francesca Picchio, Justyna Borucka		
15min	11:30	Rok Gabrovšek David Rihtaršič	University of Ljubljana	Innovative Application of a GAI Tutor in Robotics Education
	11:45	Magdalena Raczkowska Ada Brechelke	Poznan University of Technology	Integrated measurement methods in the didactics of architectural inventory - the experience of students of Poznań University of Technology
	12:00	Brina Kurent Stanislav Avsec	University of Ljubljana	Exploring the Effect of an ICT-Enhanced Engineering Course on Changes in Attitudes towards Design and Technology.
	12:15	Dorota Kamrowska-Załuska Magdalena Rembeza	Gdańsk University of Technology	Evaluation of Training Programme based on Digital Solutions and Agile Public Services for Architects and Urban Engineers for Co-creating Liveable Cities
12:30		**Round Table** Chairs: Francesca Picchio, Justyna Borucka, Francesca Galasso, Michał Kwasek		
13:00		**Lunch Break**		

14th June

Aula Scarpa, University of Pavia, Central Building
Corso Strada Nuova, 65, 27100 Pavia

9:00		Registration		
9:30		**Plenary Session**		
		Keynote Speaker Prof. Massimiliano Savorra	University of Pavia	Building Knowledge Together: Teaching and Learning Architectural History Through Practice
10:15		**Round Table** Chairs: Francesca Picchio, Justyna Borucka, Francesca Galasso, Michał Kwasek		
10:45		**Coffee Break**		
11:15		**Conference Session** **TOPIC 3 - Sustainable development in educational courses** Chairs: Ľubica Vitková, Magdalena Raczkowska		
15min	11:15	Kwasek Michał	Gdańsk University of Technology	Optimizing Architectural Education: Recognizing the Significance of Building Mechanics in Architectural Design
	11:30	Zuzana Čerešňová Karol Görner Klára Macháčová	Slovak University of Technology	The Sustainability Topic in the Educational Process of Architecture and Urban Planning Students at the Faculty of Architecture and Design of the Slovak University of Technology in Bratislava
	11:45	Sandra Lamy Schwarz Peter Morgenstein Andrea Šeligová Daniela Hrabovská	Slovak University of Technology	Integrating sustainability into higher education: insights from the green STU project
12:00		**Round Table** Chairs: Francesca Picchio, Justyna Borucka, Francesca Galasso, Michał Kwasek		
12:45		**Lunch Break**		
14:30		**Pavia City Center Visiting**		

CONTACTS

francesca.picchio@unipv.it
francesca.galasso@unipv.it
justyna.borucka@pg.edu.pl

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