

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

&

**Faculty of Architecture,  
Cracow University of Technology,  
Kraków, Poland**

&

**Faculty of Architecture,  
Gdańsk University of Technology,  
Gdańsk, Poland**

&

**Faculty of Architecture,  
Wroclaw University of Science and Technology,  
Wroclaw, Poland**

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**The World Institute for Engineering and Technology  
Education (WIETE),  
Melbourne, Australia**

jointly organise

# ***2024 Conference on Engineering and Architecture Design Education (EADE-2024)***

- Faculty of Architecture and Design, Slovak University of Technology in Bratislava,  
Námestie slobody 19, 812 45 Bratislava,  
10 - 12 June 2024



**GDAŃSK UNIVERSITY  
OF TECHNOLOGY**  
FACULTY OF ARCHITECTURE



**Politechnika Wroclawska**  
Wydział Architektury



# Preliminary Conference Programme \*

9th of June 2024  
(Sun)

10th of June 2024  
(Mon)

11th of June 2024  
(Tue)

12th of June 2024  
(Wed)

	9:00-10:00 <i>Registration, Coffee</i>	9:30-10:00 <i>Registration, Coffee</i>	9:30-10:00 <i>Registration, Coffee</i>
16:00-18:00 Meeting of the WIETE International Academic Advisory Committee (WIETE-IAAC)	10:00-11:30 <b>Opening Ceremony</b>	10:00-11:40 <b>Session I</b> Innovative and alternative methods of education	10:00-12:20 <b>Session IV</b> Innovative and alternative methods of education
	11:30-12:00 <i>Coffee Break</i>	11:40-12:10 <i>Coffee Break</i>	12:20-12:40 <i>Coffee Break</i>
	12:00-14:00 <b>Opening Lectures I</b>	12:10-13:40 <b>Session II</b> Innovative and alternative methods of education	12:40-14:00 <b>Session V</b> Problem- and project-based education
	14:00-15:00 <i>Lunch</i>	13:40-14:40 <i>Lunch</i>	14:00-15:00 <i>Lunch</i>
	15:00-17:00 <b>Opening Lectures II</b>	14:40-16:00 <b>Session III</b> Problem- and project-based education	15:00-16:40 <b>Session VI</b> Specific problems in education and training process of students
	17:00-18:30 <b>Expert Tour:</b> Two Faces of the City - visit to the historic centre and the newly renovated Slovak National Gallery	16:00-17:00 <b>Open Session:</b> WIETE Interactive Presentation: WIETE journals and the changing publishing landscape	16:40 - 17:15 <b>Closing Ceremony</b>
		20:00-22:00 <b>Conference Banquet</b>	17:15-18:30 <b>Expert Tour:</b> Two Faces of the City - visit of Bratislava's newly emerging downtown

\* Please note that the programme may still change

# **9th of June 2024 (Sun)**

**16:00 – 18:00**

**Meeting of the WIETE International Academic Advisory  
Committee (WIETE-IAAC)**

**Venue:** Savage Bistro/Savage Garden Bar and Restaurant, Námestie slobody,  
811 06, Bratislava

# 10th of June 2024 (Mon)

9:00-10:00

*Registration, Coffee*

10:00-11:30

## **Opening Ceremony:**

- **Introduction:** General Chairman: Professor Zenon J. Pudlowski, WIETE Director, Melbourne, Australia
- **Opening Welcome:** Conference Patron: Professor Oliver Moravčík, Rector, Slovak University of Technology in Bratislava, Bratislava, Slovakia
- **Welcome Address:** Honorary Chairwoman: Professor Ľubica Vitková, Vice-Rector for Foreign Relations and Public Relations of Slovak University of Technology in Bratislava, Bratislava, Slovakia
- **Welcome Address:** Honorary Chairwoman: Professor Barbara Gronostajska, Dean FA Wrocław, University of Science and Technology, Wrocław, Poland
- **Welcome Address:** Honorary Chairwoman: Professor Lucyna Nyka, Dean, FA Gdańsk University of Technology, Gdańsk, Poland
- **Welcome Address:** Honorary Chairwoman: Professor Maria Jolanta Żychowska, President, WIETE International Academic Advisory Committee (WIETE-IAAC), FA Cracow University of Technology Kraków, Poland
- **Welcome Address:** Honorary Chairman: Branislav Puškár, Dean, FAD, Slovak University of Technology in Bratislava, Bratislava, Slovakia
- **Music performance of the Tempus choir**

11:30-12:00

*Coffee Break*

12:00-14:00

## **Opening Lectures I**

*Chair of the Section to be determined later*

- 12:00-12:20  
Ľubica Vitková, Zuzana Suchánková: **International cooperation, research and practice in teaching architects**
- 12:20-12:40  
Branislav Puškár, Edita Vráblová, Michal Czafík: **Impact of the architecture study popularisation on the number of applicants**

- 12:40-13:00  
Zuzana Čerešňová, Natália Bošková Filová, Lenka Suláková:  
**Student and community engagement to increase implementation of inclusive environment**
- 13:00-13:20  
Tris Kee: **Advancing architectural education in Hong Kong: a focus on problem- and project-based learning**
- 13:20-13:40  
Lea Rollová, Danica Končerková, Zuzana Tóthová:  
**Evaluation of the continuing education programme on socially responsible architecture**
- 13:40-14:00 - **Discussion**

14:00-15:00

*Lunch*

15:00-17:00

### **Opening Lectures II**

*Chair of the Section to be determined later*

- 15:00-15:20  
Karol Görner, Lucia Štefancová: **Student's motivation due to cooperation with the city administration**
- 15:20-15:40  
Tri Lathif, Mardi Suryanto, Aji Prasetya Wibawa, Hariyono Hariyono, Rafał Dreżewski: **Embracing chatbot as a self-learning catalytic for engineering education**
- 15:40-16:00  
Moon-Soo Kim:  
**On sentiment analysis for capstone design curriculum**
- 16:00-16:20  
Magdalena Wąsowicz, Anna Berbesz: **Research on mental models in the process of architectural education: UX theory and architectural design**
- 16:20-16:40  
Dr. Douglas Tong Kum Tien: **The IMPART model: Imparting transformation through industry-linked multidisciplinary projects**
- 16:40-17:00 - **Discussion**

17:00-18:30

### **Expert Tour:**

Two Faces of the City - visit to the historic centre and the newly renovated Slovak National Gallery

# 11th of June 2024 (Tue)

9:30-10:00

*Registration, Coffee*

10:00-11:40

## **Session I**

### **Innovative and alternative methods and programmes of education**

*(part I - urban planning)*

*Chair of the Section to be determined later*

- 10:00-10:20  
Vladimír Hain, Martin Uhrík, Roman Hajtmanek, Dušan Kočlík, Alexander Kupko: **Multidimensional model - educational and creative tool for designing sustainable reconstructions of urban structures**
- 10:20-10:40  
Lucyna Nyka: **Empowering urban planning with nature based solutions - linking research and education to facilitate transition from sustainable to regenerative cities**
- 10:40-11:00  
Semenyuk Olga, Zhandarbek Malibekuly, Ulkairbek Dyisebayev, Khalil Maslov, Gulnaz Doktorbekovna Andabayeva: **Features of the urban planning concept of steppe culture in the educational process**
- 11:00-11:20  
Barbora Šimkovičová, Daniela Hrabovská, Andrea Šeligová, Katarína Smatanová: **Involving method of lived experience in urban design education**
- 11:20-11:40 - **Discussion**

11:40-12:10

*Coffee Break*

12:10-13:40

## **Session II**

### **Innovative and alternative methods and programmes of education**

*(part II - design)*

*Chair of the Section to be determined later*

- 12:10-12:30  
Branislav Jelenčík: **Design thinking. How to understand it?**

- 12:30-12:50  
Peter Mazalán, Paulína Ebringerová: **Art project in architectural education as a tool for social-critical reflection**
- 12:50-13:10  
Maria J. Żychowska, Anna Barańska: **Evolution in teaching methods of illustration processes in design**
- 13:10-13:30  
Martin Baláž, Zuzana Turlíková: **Creative thinking in design education: action-centric and design thinking approach**
- 13:30-13:40 - **Discussion**

13:40-14:40

Lunch

14:40-16:00

### **Session III**

#### **Problem- and project- based education**

*(part I - protection of cultural heritage)*

*Chair of the Section to be determined later*

- 14:40-15:00 - Jakub Szczepański : **A new international hub for digital architectural heritage based in Gdańsk, Pavia and Florence as a tool for didactic and scientific development**
- 15:00-15:20 - Pavol Pilař, Jana Gregorová, Filip Bránický: **UNESCO Chair at STU - UNESCO Chair for Restoration of Architectural Heritage**
- 15:20-15:40 - Katarína Terao Vošková: **Autumn university of architecture as an opportunity for innovative educational methodology in cultural heritage management**
- 15:40-16:00 - **Discussion**

16:00-17:00

### **Open Session**

- 16:00-17:00  
Dorota I. Pudłowski and Zenon J. Pudłowski, WIETE, Melbourne, Australia: **WIETE interactive presentation: WIETE journals and the ever changing publishing landscape**

20:00-22:00

### **Conference Banquet**

# 12th of June 2024 (Wed)

9:30-10:00

*Registration, Coffee*

10:00-12:20

## **Session IV**

### **Innovative and alternative methods and programmes of education (part III - engineering education of architects)**

*Chair of the Section to be determined later*

- 10:00-10:20  
Peter Roško: **Empowering architectural minds with innovative statics education**
- 10:20-10:40  
Magdalena Celadyn, Anna Michalek:  
**Studio-oriented learning method to realise the course in structure for the interior architecture students**
- 10:40-11:00  
Eva Vojtekova, Matus Turis, Olga Ivankova:  
**Structures as an intersection between study programmes: architecture and civil engineering**
- 11:00-11:20  
Michał Kwasek: **Optimising architectural education: recognising the significance of building mechanics in architectural design**
- 11:20-11:40  
Mária Budiaková: **Scientific analysis of the implementation of research technologies, solving energy and ecological crisis, in student works**
- 11:40-12:00  
Violeta Nushi, Freskim Sulejmani, Arta Basha Jakupi, Vlora Navakazi:  
**Analysis of energy performance in buildings through methodology from BIM to BEM. Case study: Fadil Hisari, Prizren, Kosovo**
- 12:00-12:20 - Discussion

12:20-12:40

*Coffee Break*

12:40-14:00

## **Open Session V**

### **Problem- and project-based education**

#### **(part II - reflections on contemporary problems of society)**

*Chair of the Section to be determined later*

- 12:40-13:00  
Henrich Pifko, Klára Macháčová, Lorant Krajcsovcics, Michal Krizo:  
**Architecture for recovery**
- 13:00-13:20  
Pavol Pauliny, Beata Polomová, Martina Jelínková:  
**Destruction of architectural heritage during the war - shock therapy or a new challenge in the education of future architects**



- 13:20-13:40  
Gabriela Rolenčíková, Ivana Švecová: **Research by design: transformation of former barracks campus**
- 13:40-14:00 - **Discussion**

14:00-15:00

*Lunch*

15:00-16:40

### **Open Session VI**

#### **Specific problems in education and training process of students**

- 15:00-15:20  
Arthur James Swart: **Consistent engagement from the start of a semester enables academic student success - a case study of first-year engineering students**
- 15:20-15:40  
Stanislav Avsec, Brina Kurent: **Interdisciplinary systems thinking and ICT self-concept in higher education**
- 15:40-16:00  
Semenyuk Olga, Tattigul Samuratova, Zhazira Bisenova: **New technologies and achievements in the educational process of training designers of the architectural environment**
- 16:00-16:20  
Tashfeen Ahmad: **Preparing students for the labour market in the age of digitalization, automation and AI: lessons from international universities**
- 16:20-16:40  
**Discussion**

16:40-17:15

### **Closing ceremony**

- **Concluding remarks**  
Honorary Chairwoman: Professor Ľubica Vitková, Vice-Rector for Foreign Relations and Public Relations of STU Slovak and University of Technology in Bratislava, Bratislava, Slovakia  
Honorary Chairwoman: Professor Lucyna Nyka, Dean, FA Gdańsk University of Technology, Gdańsk, Poland  
Honorary Chairman: Branislav Puškár, Dean, FAD Slovak University of Technology in Bratislava, Bratislava, Slovakia  
Honorary Chairwoman: Professor Maria Jolanta Żychowska, President, WIETE International Academic Advisory Committee (WIETE-IAAC), FA Cracow University of Technology Kraków, Poland
- **Closing Remarks**  
General Chairman: Professor Zenon J. Pudłowski, WIETE Director, Melbourne, Australia

17:15-18:30

### **Expert Tour:**

Two Faces of the City - visit of Bratislava's newly emerging downtown



*Faculty of Architecture and Design, Slovak University of Technology in Bratislava,  
Námestie slobody 19, 812 45 Bratislava, Bratislava, Slovakia*

## **Conference Secretariat**

Please direct all enquires and correspondence regarding paper and session proposals, preferably by e-mail, to the Chairman of the Local Organising Committee at the Faculty of Architecture and Design. Correspondence may be e-mailed or posted to:

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