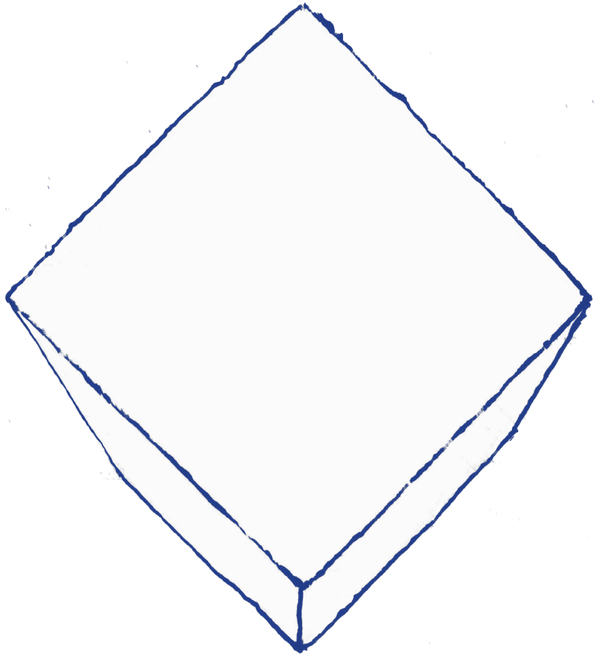
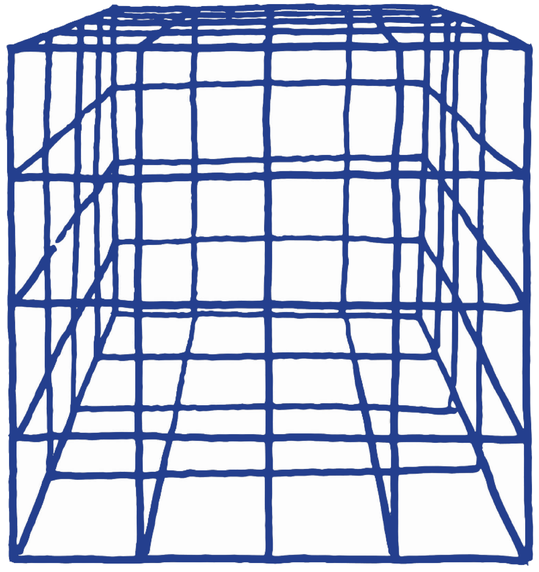
IV INTERNATIONAL SCIENTIFIC CONFERENCE
ARCHITECTURE OF CHALLENGES



ARCHITEKTURA WYZWAŃ
EKSPERYMENT W PRZESTRZENI — PRZESTRZEŃ EKSPERYMENTU
ARCHITECTURE OF CHALLENGES
EXPERIMENT IN SPACE — THE SPACE OF EXPERIMENT



WARSAW
Palace on the Isle - The Royal Lazienki Museum in Warsaw
Czapski Palace - Senate Hall - The Academy of Fine Arts in Warsaw

29-30 June 2026

200 years of Warsaw University of Technology

Faculty of Architecture
Warsaw University of Technology

ROYAL LAZIENKI MUSEUM

ACADEMY OF FINE ARTS IN WARSAW

IV INTERNATIONAL SCIENTIFIC CONFERENCE
ARCHITECTURE OF CHALLENGES

ARCHITECTURE OF CHALLENGES
EXPERIMENT IN SPACE – THE SPACE OF EXPERIMENT

Palace on the Isle
The Royal Lazienki Museum in Warsaw

I Day of the Conference: Monday 29 June 2026

Hour	Session	Speaker	Institution
9:00-9:30	Registration		
9:30-10:45	Official opening of the conference		
	Marianna Otmianowska, PhD – Director of the Royal Łazienki Museum in Warsaw		
	Andrzej Szeptycki, Prof. DSc PhD - Undersecretary of State in The Ministry of Science and Higher Education responsible for international cooperation		
	Jan Słyk, Prof. DSc PhD Eng. Arch. – Vice-Rector for Academic Affairs, Warsaw University of Technology		
	Krzysztof Koszewski, DSc PhD Eng. Arch., Associate Professor – Dean of the Faculty of Architecture, Warsaw University of Technology		
	Blażej Ostoja Lniski, Prof. DSc PhD – Rector of the Academy of Fine Arts in Warsaw		
	Ewa Rombalska, MSc Eng. Arch. – Director's Representative of National Institute of Architecture and Urban Planning in Warsaw		
	Marek Chrobak, MSc Eng. Arch. – President of the Association of Polish Architects (SARP)		
	Oleksandr Baranovskyi, MSc Eng. Arch. – Project Coordinator of the National Union of Architects of Ukraine		
	Władysław Grochowski, MSc – President and Founder of Arche Group, Poland		
	Anna Maria Wierzbicka, DSc PhD Eng. Arch., Associate Professor – Chairwomen of Conference Committees, Warsaw University of Technology		
10:45-11:15	Coffee break		
11:15-12:45	**Block 1 - EXPERIMENT IN ARCHITECTURE – MICRO-WORLDS OF INNOVATION**		
•	Somactive Art Practice: Embodied Attention as a Methodology for Artistic Research	Bartłomiej Struzik	*Jan Matejko Academy of Fine Arts in Kraków, Faculty of Sculpture, Poland*
	Repair and Memory as Design Tools: Architecture of Care as Experimental Practice	Iwona Kalenik	*Academy of Fine Arts in Warsaw, Poland*
	Strangeness: Narrative Experiments with Form in Architecture	Ernestyna Szpakowska-Loranc	*Cracow University of Technology, Faculty of Architecture, Poland*
	Contemporary Architecture as a Space of Perceptual Experiment: Between Compositional Intent and User Experience	Maciej Skaza	*Cracow University of Technology, Faculty of Architecture, Poland*
	Between Iconic Status and Accessibility: The Implications of Spatial Experiments for Universal Design	Małgorzata Nowak-Pieńkowska, Anna Tofiluk	*Warsaw University of Technology, Faculty of Architecture, Poland*
12:45-13:45	Lunch break		
13:45-15:15	**Block 2 - EXPERIMENT IN ARCHITECTURE – MICRO-WORLDS OF INNOVATION**		
•	The Architecture of a Second Life: Szyb Krystyna, Szombierki Power Plant, and the Provocative Architect in the Moratorium on New Construction	Przemo Łukasik	*Medusa Group Limited Liability Partnership Bytom, Warsaw, Poland*
	Prefabrication as an Architectural Experiment – Scale of Integration and Circular Potential	Aleksandra Witeczek	*Silesian University of Technology, Faculty of Architecture, Gliwice, Poland*
	Kinetic Photovoltaic Roof Systems with Bio-composite Components: From Simulation to Field Experiments	Krystian Kwieciński, Karolina Dąbrowska-Żółtak, Piotr Baszyński, Michał Marzantowicz	*Warsaw University of Technology, Faculty of Architecture + Faculty of Physics / ITKE, University of Stuttgart, Poland / Germany*
	Architecture and Digital Technologies as Complementary Tools for Enhancing Museum Accessibility: A Case Study of the Silesian Museum	Natalia Tadla-Borowska	*Silesian University of Technology, Faculty of Architecture, Gliwice, Poland*
	Development and Certification of a Retractable Anti-Terrorist Gate: A Technical Study on Impact Resilience	Jacek Kühnl-Kinel	*JP Novation Sp. z o.o., Lublin, Poland*
	Emergent Architectural Detail – The Importance of Design-Build Experiments within the Postdigital Curriculum	Marcin Strzała	*Warsaw University of Technology, Faculty of Architecture, Poland*
15:15-15:40	Coffee Break		
15:40-17:10	**Block 3 - EXPERIMENT IN URBANISM – LABORATORY CITY**		
•	Balancing Efficiency and Cognitive Flexibility: A Neuroarchitectural Perspective on Experimental Spaces	Rafał Czajkowski	*Polish Academy of Sciences, Nencki Institute of Experimental Biology, Laboratory of Spatial Memory, Poland*
	Walking Through Memory: Movement and Spatial Experience in Contemporary Urban Memorials	Małgorzata Petelenz, Magdalena Jagiełło-Kowalczyk	*Cracow University of Technology, Faculty of Architecture, Poland*
	Reading the Palimpsest: The Medieval Location Layout of a Small Town as a Laboratory of Spatial Forms. The Case of Subcarpathia	Anna Martyka	*Rzeszów University of Technology, Faculty of Civil and Environmental Engineering and Architecture, Poland*
	Between Block and House: Atrial Dwellings as a Social Experiment in the Polish People's Republic, 1960s–1980s	Jan Kamil Matusewicz	*Polish Academy of Sciences, Institute of Art, Warsaw, Poland*
	Bucharest as an Urban Laboratory: Experimental Approaches to the Encounter of Old and New Architecture	Agnieszka Żabicka	*Cracow University of Technology, Faculty of Architecture, Poland*
	(Re)writing the City: The Impact of Selected Contemporary Large-Scale Multi-Family Residential Developments on the City's Urbanscape.	Natalia Gorgol	*Cracow University of Technology, Faculty of Architecture, Poland*
17:10-17:30	Coffee Break		
17:30-19:00	**Block 4 - EXPERIMENT IN URBANISM – LABORATORY CITY**		
•	Urbanism as a Laboratory: Experimental Approach to Inner-city Densification	Daan Roggeveen	*MORE Architecture BV, Amsterdam, The Netherlands*
	Participation as a Tool of Urban Experiment: Prototyping Dialogue, Space, and Decision Making	Kinga Racoń-Leja	*Cracow University of Technology, Faculty of Architecture, Poland*
	The Concept of Adaptive Governance as an Urban Experiment	Yuriy Kryvoruchko, Yaryna Voronych, Oksana Melnyk	*Bialystok University of Technology, Poland; Lviv Polytechnic National University, Architecture and Design Institute, Ukraine*
	AI and the City as Laboratory: Experiments with Urban Space	Matylda Wdowiarz-Bilska	*Cracow University of Technology, Faculty of Architecture, Poland*
	Research by Design as Architectural Experiment: Designing the Warsaw Skyscraper between Form, Function and Urban Context	Marcin Goncikowski	*Warsaw University of Technology, Faculty of Architecture, Poland*
	Streets as a Design Experiment on the Example of Comprehensively Planned Urban Development: Seestadt Aspern in Vienna and Miasteczko Wilanów in Warsaw	Paweł Trębacz, Magdalena Duda	*Warsaw University of Technology, Faculty of Architecture, Poland*
19:00	Banquet (Palace on the Isle)		

moderators: **Michał Gołębiewski, Mateusz Płoszaj-Mazurek, Anna Tofiluk, Justyna Zdunek-Wielgołaska**

IV INTERNATIONAL SCIENTIFIC CONFERENCE
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II Day of the Conference: Tuesday 30 June 2026

Czapski Palace - Senate Hall
The Academy of Fine Arts in Warsaw

Hour	Session	Speaker	Institution
9:00-9:30	Registration and Welcome Coffee		
9:30-11:30	**Block 5 - EXPERIMENT IN THE SERVICE OF SOCIETY**		
	A Temporary Research Model of a Sensory Garden as a Tool for Spatial Experimentation	Barbara Gronostajska, Anna Miśniakiewicz	*Wrocław University of Science and Technology, Faculty of Architecture, Wrocław, Poland*
	Camouflage Reborn: Community Painting at Fort Mistrzejowice as a Participatory Approach to Heritage Activation	Filip Suchoń	*Cracow University of Technology, Faculty of Architecture, Poland*
	Experiment–Transformation–Centrality in Post-Industrial Łódź	Karolina Dudzic- Gyurkovich, Justyna Kobylarczyk	*Cracow University of Technology, Faculty of Architecture, Poland*
	The Need for Contact as a Lens for Reading Urban Space: a Case Study of EKOPark, Ursus, Warsaw	Andrzej Jaworski, Maja Skibińska, Anna Wieczorek, Marianna Waśniewska	*University of Technology and Arts, Warsaw / Think Tank Miasto / JAZ+Architekci, Poland*
	From Sports Infrastructure to Third Places: Reading Shared School Sports Fields in Warsaw	Marta Kobecka, Monika Wróbel, Marianna Waśniewska, Ewelina Jaskulska	*Urban Sports Square Foundation, Warsawa, Poland, ARCHITEKTONICZKI*
	Reuse as an Experiment - from Office to Housing and Community Space	Dominik Różański	*Flora Development, Warsaw, Poland*
	Open-ended Play: The Afterlife of Late Modernist Playgrounds in Warsaw and Tychy	Urszula Prokop, Józef Gałązka	*Warsaw University of Technology / Jan Matejko Academy of Fine Arts in Kraków, Poland*
	Urban Ecological Interactions and their Impact on the Vitality of Urban Ecosystems	Ruslan Zhyrak	*King Danylo University, Department of Architecture and Construction, Ivano-Frankivsk, Ukraine*
11:30-11:50	Coffee Break		

Hour	Session	Speaker	Institution
11:50-13:30	**Block 6 - EXPERIMENT IN EDUCATION – THE SPACE OF LEARNING THROUGH ACTION**		
•	Bauhaus in the Context of Contemporary Art Education	Marta Kawecka-Smolińska, Krzysztof Olszewski, Kacper Greń	*Academy of Fine Arts in Warsaw, Faculty of Media Art, Poland*
	Experimentation through Making: The Importance of Design-Build within Academia	Cole von Feldt	*Delft University of Technology, Faculty of Architecture, The Netherlands*
	Experimentation in Education: MINIFORMA Student Workshops as Learning by Design (Editions 2023–2024)	Agnieszka Dobrzyńska-Jarosz, Joanna Krajewska	*Wrocław University of Science and Technology, Faculty of Architecture, Poland*
	Mycelium Morphologies Seminar as an Experiment in Teaching Future-Proof Design Skills	Eliza Biała, Piotr Baszyński, Martin Ostermann	*University of Stuttgart, Institute of Building Construction, FuMaLab, Germany*
	Narrative and Participatory Teaching Strategies – The Role of Experimentation in Architectural Education in the Age of AI	Anna Maria Wierzbicka	*Warsaw University of Technology, Faculty of Architecture, Poland*
	The model as a Space for Experimentation: Interuniversity Workshops on Sensory Garden Design at the Intersection of Architecture and Art	Magdalena Wąsowicz, Anna Berbesz-Wyrodek	*Warsaw University of Technology, Faculty of Architecture, Poland*
	Implementing Building Energy Modelling in a Master's Level Architectural Design Course: Preliminary Insights from a Pilot Study	Michał Gołębiewski, Michał Pierzchalski, Mateusz Płoszaj-Mazurek	*Warsaw University of Technology, Faculty of Architecture, Poland*
	Spatial Experiment and the Formation of Social Space in Modular Housing Architecture	Dorota Wiśniewska	*Bydgoszcz University of Science and Technology, Faculty of Civil and Environmental Engineering and Architecture, Poland*
13:30-14:30	Lunch Break		

moderators: **Marcin Strzała, Iwona Kalenik**

Hour	Session	Speaker	Institution
14:30-15:30	**Conference workshop**		
		Anna Maria Wierzbicka, Marcin Strzała	
15:30-16:30	**General Discussion**		
16:30-17:00	Final Coffee		

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