

# WISE CITY - theory and practice

challenges in the face of crisis 23–24 May 2024

# **XVIII**

## INTERNATIONAL ACADEMIC CONFERENCE

organised by

THE CHAIR OF URBANISM AND CITY STRUCTURE ARCHITECTURE A-9
OF THE CRACOW UNIVERSITY OF TECHNOLOGY FACULTY OF ARCHITECTURE

and

THE URBANISM AND ARCHITECTURE COMMISSION OF THE POLISH ACADEMY OF SCIENCES

CRACOW BRANCH

under the patronage of

HM THE RECTOR OF THE CRACOW UNIVERSITY OF TECHNOLOGY -

PROF. DR HAB. INŻ. ANDRZEJ SZARATA

DEAN OF THE CRACOW UNIVERSITY OF TECHNOLOGY FACULTY OF ARCHITECTURE -

PROF. DR HAB. INŻ. ARCH. MAGDALENA KOZIEŃ-WOŹNIAK

ANNOUNCEMENT NO. 1







## **ACADEMIC BOARD**

Prof. dr hab. inż. arch. MATEUSZ GYURKOVICH, Cracow University of Technology, KAiU PAN, Poland – Co-Chairman

Dr hab. inż. arch. KINGA RACOŃ-LEJA, Prof. PK, Cracow University of Technology, Poland – Co-Chairwoman Dr hab. inż. arch. WOJCIECH KORBEL, Prof. PK, Cracow University of Technology, Poland – Co-Chairman

Prof. Dr. Eng. CARLOS AGUIRRE NUÑEZ, Universidad San Sebastian, Chile
Dr hab. inż. arch. ANNA BAĆ, Prof. PWr, Wrocław University of Science and Technology, KAiU PAN, Poland
Dr hab. inż. arch. RAFAŁ BLAZY Prof. PK, Cracow University of Technology, Poland – Co-Chairman
Prof. DENIS BOCQUET, ENSA Strasbourg / Laboratoire AMUP, France

Prof. dr hab. inż. arch. AGATA BONENBERG, Poznań University of Technology, KAiU PAN, Poland Prof. dr hab. inż. arch. WOJCIECH BONENBERG, Poznań University of Technology, KAiU PAN, Poland Dr hab. inż. arch. TOMASZ BRADECKI, Prof. PŚ, Silesian University of Technology, Polska Prof. arch. MARIO CERASOLI, Roma, Italy

Prof. MARIA CLARKE, Hochschule Bremen, Germany

Dr hab. inż. arch. ŁUKASZ DAMURSKI, Prof. PWr, Wrocław University of Science and Technology, KAiU PAN, Poland

Assoc. Prof. Arch. MICHA DE HAAS, TU DELFT, The Netherlands Prof. arch. ADO FRANCHINI, Politecnico di Milano, Italy

Dr hab. inż. arch. ANNA FRANTA, Prof. PK, Cracow University of Technology, Poland
Dr hab. inż. arch. URSZULA FORCZEK-BRATANIEC Prof. PK, Cracow University of Technology, Poland
Prof. dr hab. inż. arch. BARBARA E. GRONOSTAJSKA, Prof. PWr, Wrocław University of Science and Technology,
KAIU PAN, Poland

Prof. dr hab. inż. arch. JACEK GYURKOVICH, Academy of Silesia, Poland
Prof. dr hab. inż. arch. SŁAWOMIR GZELL, Warsaw University of Technology, KAiU PAN, Poland
Dr hab. inż. arch. MAŁGORZATA HANZL, Prof. PŁ, Technical University of Łódź, Poland
Dr hab. inż. arch. KATARZYNA HODOR, Prof. PK, Cracow University of Technology, Poland
Prof. dr hab. inż. arch. MAGDALENA JAGIEŁŁO-KOWALCZYK, Prof. PK, Cracow University of Technology, Poland
Prof. dr hab. inż. arch. ARTUR JASIŃSKI, Andrzej Frycz-Modrzewski Krakow University, Poland
Prof. dr hab. inż. arch. ANNA JANUCHTA-SZOSTAK, Poznań University of Technology, KAiU PAN, Poland
Dr hab. SYLWIA KACZMAREK, Prof. UŁ, University of Łódź, Poland

Prof. dr hab. inż. arch. ANNA AGATA KANTAREK, Cracow University of Technology, KAiU PAN, Poland Prof. dr hab. inż. arch. JUSTYNA KOBYLARCZYK, Cracow University of Technology, KAiU PAN, Poland Prof. dr hab. inż. arch. TOMASZ KOZŁOWSKI, Cracow University of Technology, KAiU PAN, Poland Prof. dr hab. inż. arch. YURIY KRYVORUCHKO, Zaporizhia National Technical University, Ukraine Dr hab. inż. arch. OLHA KRYVORUCHKO, Lviv Polytechnic National University, Ukraine Prof. dr hab. inż. arch. PIOTR LORENS, Gdańsk University of Technology, KAiU PAN, Poland Prof. dipl.-ing. IRENE LOHAUS, TU Dresden, Germany

Assoc. MARCO LUCCHINI, Politecnico di Milano, Italy

dr hab. inż. arch. KATARZYNA ŁAKOMY, Prof. PK, Cracow University of Technology, Poland Prof. D. Sc. Ph.D. Arch., CARLOS MARMOLEJO-DUARTE, ETSAB Universitat Politècnica de Catalunya, Spain Dr hab. inż. arch. JUSTYNA MARTYNIUK-PĘCZEK, Prof. PG, Gdańsk University of Technology, KAiU PAN, Poland Prof. arch. ANGELA MENSING-de JONG, TU Dresden, Germany

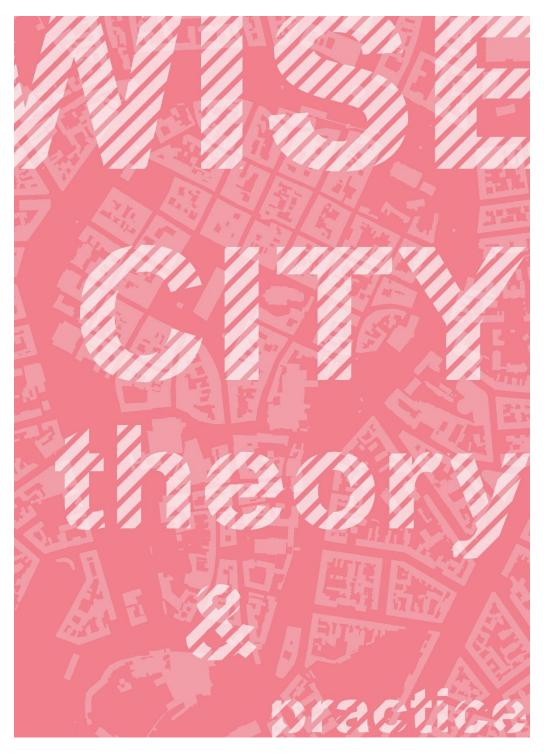
Prof. Dr. EMANUELE NABONI, Royal Danish Academy, KADK, Denmark; University of Parma, Italy Prof. dr hab. inż. arch. MAREK PABICH, Łódź University of Technology, KAiU PAN, Poland Prof. dr hab. inż. arch. ZBIGNIEW W. PASZKOWSKI, Andrzej Frycz-Modrzewski Krakow University, Poland

## KAiU PAN, Poland

Dr hab. inż. arch. DOMINIKA PAZDER, Prof. PP, Poznań University of Technology, Poland Prof. Dr Arch. MICHAEL PETEREK, University of Applied Sciences Frankfurt, Germany Dr hab. inż. arch. NATALIA PRZESMYCKA, Prof. PL, Lublin University of Technology, Poland Dr hab. inż. arch. KATARZYNA PLUTA, University Professor, Warsaw University of Technology, KAiU PAN, Poland

Dr hab. inż. arch. BOGUSŁAW PODHALAŃSKI, University of Applied Sciences in Nowy Targ, Poland AA dipl. M.Sc. ARB, MRTPI, Honorary Senior Research Fellow IVOR SAMUELS, Birmingham University, ISUF, UK Assoc. Prof. arch. PASCAL SIMOENS, Mons University, Belgium Prof. dr hab. inż. arch. GRAŻYNA SCHNEIDER-SKALSKA, Cracow University of Technology, KAiU PAN, Poland Prof. dr hab. inż. arch. KRYSTYNA SOLAREK, Warsaw University of Technology, KAiU PAN, Poland Prof. PhD Arch. ADOLF SOTOCA GARCIA, DUOT ETSAV UPC Barcelona, Spain Dr hab. inż. arch. MICHAŁ STANGEL, Prof. PŚ, Silesian University of Technology, Polska Dr hab. inż. arch. ANNA SZEWCZENKO, Prof. PŚ, Silesian University of Technology, Polska Dr hab. inż. arch. MATYLDA WDOWIARZ-BILSKA, Prof. PK, Cracow University of Technology, Poland Dr hab. Ing. arch. JANA ZDRÁHALOVÁ, PhD, Czech Technical University in Prague, Czech Republic Prof. dr hab. inż. arch. AGATA ZACHARIASZ, Cracow University of Technology, Poland Prof. dr hab. inż. arch. MAGDALENA ŻMUDZIŃSKA-NOWAK, Silesian University of Technology, Poland

Academic secretaries: dr inż. arch. Agnieszka Matusik, dr inż. arch. Ernestyna Szpakowska-Loranc.



The city is the natural habitat of contemporary humans. Shaping the urban and architectural space of a city is a great responsibility. It goes far beyond structural measures, and involves numerous interdisciplinary topics that we have addressed over the past twenty years in a cycle of international conferences organised in Cracow:

- City Within the City 14–15 May 2004.
- Public Space of Contemporary City 17–18 November 2005.
- Living in the City 25–26 May 2007.
- The Heart of the City 26–27 October 2008.
- Public Space in the Housing Environment Within the City 8–9 October 2010.
- Future of the City City of the Future 20–21 April 2012.

- Future of the Cities Cities of the Future 23–24 May 2014.
- 11<sup>th</sup> CTV CONGRESS Back to the Sense of the City 6–8 July 2016, jointly organised by the WPK Institute of Urban Design and the Center of Land Policy & Valuation, ETSAB Universitat Politecnica de Catalunya, Barcelona
- Urban Composition of Resilient City online, 25–26 March 2021.
- Wise City Theory and Practice Cracow and online, 12–13 May 2023.

Another international conference on the problems of the contemporary city is approaching and is organised in accordance with a long-standing tradition, by academic staff originating from the the former Institute of Urban Design, continued by a team from the Chair of Urbanism and City Structure Architecture of the Faculty of Architecture, Cracow University of Technology.

In 2023, we started a new thematic series, addressing the theme of the Wise City – in theory and practice. This year's conference is to address the need for solutions to the current protracted crisis – which affects many aspects of the contemporary city.

The worsening social, climate and economic crisis, which takes on different forms in different parts of the world – irrespective of latitude and cultural environment – and today calls for a reexamination of a wide range of issues: urban development policies, social needs and the functioning of urban communities, the continuous and complex process of urban transformation, environmental conservation.

The city, as an essential living space, is faced with the search for the best ways for it to operate in the emerging reality. The desired democratisation of space is conducive to pursuing a new dimension to the idea of the city, in which the technocratic face of the city should be softened by a greater sensitivity to the social needs of its community.

The Wise City, as a concept for the development of urban structures that combines sustainability guidelines with inclusive social policies, places the well-being of the city's users first. Sensitisation to human needs thus means pursuing inclusive urban transitions.

Against this backdrop, the ongoing climate, economic and military crisis, with the tragic escalation of the Russo-Ukrainian war, are strongly affecting urban process dynamics, including the structure of urban spaces. These processes have to face dynamic shifts in the natural and cultural environment, including demographic change, migration, climate change, the depletion of energy resources and many other challenges of contemporaneity.

The Wise City, as a city that can rise up to challenges and adapt to changing socio-environmental conditions, will therefore be the leading theme of the conference

#### THEMATIC SESSIONS

We would like to propose the following thematic sessions as the main areas of discussion:

## **CULTURAL HERITAGE – CRISIS IN URBAN IDENTITY**

- Heritage as a basis for the development of new urban structures inspiration and creative continuity,
- Cultural heritage awareness and community engagement,
- Heritage conservation, adaptation to and reconstruction from damage caused by natural disasters and military action.

#### URBAN AND ARCHITECTURAL STRUCTURE IN THE FACE OF THE SPATIAL CRISIS

- Contemporary city structure and architecture in urban reconstruction and redevelopment processes
- Impact of crisis factors on the architectural and urban structure of the city
- Legal instruments and urban policies in the shaping of urban space
- Challenges in reforming the Polish planning system
- Urban space in the face of contemporary transport and infrastructure challenges

### THE CITY IN THE FACE OF THE CLIMATE CRISIS

- The functio-spatial structure of the city in the face of climate challenges urban planning measures and architectural solutions
- Shaping blue-green infrastructure needs and requirements
- Conservation areas and heritage sites determinants for action in the context of the climate crisis

### THE CITY IN THE FACE OF POLITICAL, DEMOGRAPHIC AND REFUGEE CRISES

- Demographic and migration challenges in contemporary urbanisation processes.
- Housing policy strategies in the face of military, climate and other threats
- Addressing processes of urban overgrowth and shrinkage

#### **KEY DATES:**

07.02.2024 – CONFERENCE ANNOUNCEMENT – ANNOUNCEMENT NO. 1 OF THE 18<sup>th</sup> IAC

01.03.2024 - ANNOUNCEMENT NO. 2

25.03.2024 – SUBMISSION OF APPLICATIONS WITH ABSTRACTS

09.04.2024 – ACCEPTANCE OF APPLICATIONS AND ANNOUNCEMENT OF THE CONFERENCE PROGRAMME

23.04.2024 – PAYMENT OF THE CONFERENCE REGISTRATION FEE (CONFIRMED BY PROOF OF TRANSFER)

09.05.2024 – SUBMISSION OF PRESENTATIONS (\*PDF)

23-24.05.2024 - HYBRID CONFERENCE, ON-SITE IN CRACOW AND ONLINE

## FEES:

550 PLN – PARTICIPATION IN THE CONFERENCE IN PERSON OR ONLINE WITH A PAPER

350 PLN – IN-PERSON OR ONLINE CONFERENCE PARTICIPATION WITHOUT A PAPER, STUDENT FEE WITH A PAPER PRESENTATION DURING THE STUDENT SESSION (ALSO INCLUDES DOCTORAL CANDIDATES AND STUDENTS OF DOCTORAL SCHOOLS).

CONFERENCE PATRONS AND MEMBERS OF THE ACADEMIC BOARD OF THE 18<sup>TH</sup> IAC ARE EXEMPT FROM THE FEE

Transfer details:

Name: Politechnika Krakowska im. T. Kościuszki

Adress: ul. Warszawska 24, 31-155 Kraków

Account numbers: IBAN: PL09 2490 0005 0000 4600 1012 1826 (PLN)

IBAN: PL40 2490 0005 0000 4600 3419 4146 (EUR)

SWIFT (BIC) CODE: ALBPPLPW

Bank address: ALIOR BANK S.A., ul. Łopuszańska 38d, 02-232 Warszawa

**PRESENTATION:** Multimedia presentation in .PDF or Power Point format, Duration of presentation: 10 min. Key speaker presentations: 25 min.

NOTES: The conditions and processing charges for potential article publication are determined by the publishers. The conference fee is unrelated to the publication fees for papers should they be accepted in each academic journal.

## **CORRESPONDENCE ADDRESS:**

Dr inż. arch. Natalia Gorgol – Organising Secretary of the 18<sup>th</sup> IAC konferencja-wisecity@pk.edu.pl

## The Chair Of Urbanism and City Structure Architecture A-9 Organising Committee

ul. Podchorążych 1, 30-084 Kraków tel. 12 628-24-30, a-9@pk.edu.pl

http://kuiasm.pk.edu.pl

Organising secretary: dr inż. arch. Natalia Gorgol.

**Conference Secretariat**: dr inż. arch. Krzysztof Barnaś, dr inż. arch. Bartłomiej Homiński, mgr Tomasz Ostachowicz, dr inż. arch. Damian Poklewski-Koziełł, dr inż. arch. Monika Strzelecka-Seredyńska, dr inż. arch. Filip Suchoń, dr inż. arch. Wantuch-Matla.