



XVII

INTERNATIONAL ACADEMIC CONFERENCE

WISE CITY THEORY AND PRACTICE

Cracow 12 - 13 May 2023, Warszawska 24, campus CUT, building «kotłownia»

ORGANIZER:

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CRACOW UNIVERSITY OF TECHNOLOGY FACULTY OF ARCHITECTURE

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practice

XVII INTERNATIONAL ACADEMIC CONFERENCE WISE CITY - THEORY AND PRACTICE

CONFERENCE PROGRAMME

Friday, May 12th 2023

9.00 – 9.30 – registration of participants

9.30 - OPENING OF THE CONFERENCE

The opening ceremony will honor: prof. dr hab. inż. DARIUSZ BOGDAŁ (Vice-Rector for Science CUT); dr hab. inż. JERZY ZAJĄC, prof. PK (Vice-Rector for Education and International Cooperation CUT); dr hab. inż. arch. MAGDALENA KOZIEŃ-WOŹNIAK, prof. PK (Dean of the Faculty of Architecture CUT); Dr hab. inż. arch. KINGA RACÓŃ-LEJA, prof. PK, (CUT, co-chairwoman of the conference); Dr hab. inż. arch. WOJCIECH KORBEL, prof., (CUT, co-chairman of the conference); Prof. dr hab. inż. arch. MATEUSZ GYURKOVICH, (CUT, co-chairman of the conference)

1st SESSION 10.10 – 11.50

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Prof. dr hab. inż. arch. ANNA AGATA KANTAREK**, Cracow University of Technology, AUPC PAS; **Prof. D. Sc. Ph.D. Arch., CARLOS MARMOLEJO DUARTE**, ETSAB Universitat Politècnica de Catalunya; **Prof. dr hab. inż. arch. KRYSZYNA SOLAREK**, Warsaw University of Technology, AUPC PAS

10.10 – 10.30 online

Prof. arch. MARIO CERASOLI, Roma Tre University; *The historical urban heritage in the post-pandemic Era. Challenges and opportunities*

10.30 – 10.40 online

Prof. dr hab. inż. arch. SŁAWOMIR GZELL, Warsaw University of Technology, AUPC PAS; *The City is to be Wise, but what about us?*

10.40 – 10.50

Dr hab. inż. arch. ANNA BAĆ, prof. PWr, Wrocław University of Science and Technology, AUPC PAS; *Didactics for smart cities – academics perspective*

10.50 – 11.00

Prof. arch. KARIN HOFERT FEIX, ETSAB, Universitat Politècnica de Catalunya, Spain; Politecnico di Milano; *Strategies to improve the public spaces in Barcelona*

11.00 – 11.10

AA Dipl, M.Sc. ARB, MRTPI, Honorary Senior Research Fellow IVOR SAMUELS, Birmingham University, ISUF; *Time to ditch the greenbelt?*

11.10 – 11.20

Dr inż arch. BARTŁOMIEJ HOMINSKI, dr inż arch. **FILIP SUCHON**, mgr inż arch. **PhD Candidate KAROL WAWRZKIEWICZ**, Cracow University of Technology; *Age-ready Urban Resilience. Architectural and structural study of senior housing with volumetric modular technology*

11.20 – 11.30

Dr hab. inż. arch. TOMASZ BRADECKI, prof. PŚ, Silesian University of Technology, Gliwice; **Dr inż. arch. BARBARA UHEREK-BRADECKA**, Academy of Silesia, Katowice; *Wise senior housing estates - challenges, opportunities and threats – on the basis of research on contemporary case studies*

XVII INTERNATIONAL ACADEMIC CONFERENCE WISE CITY - THEORY AND PRACTICE

11.30 – 11.40 online

Dr hab. HANNA GRZESZCZUK-BRENDEL, Prof. PP, Mgr inż. arch. Adrianna Brechelke, Poznań University of Technology; *The historical spatial and functional structure of Kołobrzeg and the city's contemporary urban challenges*

11.40 – 11.50

Dr hab. inż. arch. JUSTYNA MARTYNIUK-PĘCZEK, prof. GUT, Gdańsk University of Technology, AUPC PAS; *Reflective practice in urban design*

COFFEE BREAK 11.50 – 12.20 __discussion behind-the-scenes

2nd SESSION 12.20 – 13.40

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Dr hab. inż. arch. ANNA FRANTA, prof. CUT**, Cracow University of Technology; **Prof. arch. KARIN HOFERT FEIX**, ETSAB, Universitat Politècnica de Catalunya, Spain; Politecnico di Milano; **Dr hab. inż. arch. JUSTYNA MARTYNIUK-PĘCZEK, prof. GUT**, Gdańsk University of Technology, AUPC PAS

12.20 – 12.40

Prof. dr hab. inż. arch. ZBIGNIEW W. PASZKOWSKI, West Pomeranian University of Technology, AUPC PAS; *Paradigms & Morphogenetic Urban Development*

12.40 – 12.50

Dr hab. inż. arch. MATYLDA WADOWIARZ-BILSKA, Prof. CUT, Cracow University of Technology; *City Intelligence and Spatial change*

12.50 – 13.00

Dr inż. arch. KAROLINA DUDZIC-GYURKOVICH, Cracow University of Technology; *Exploring the centrality measures in the urban green areas network in the city of Kraków*

13.00 – 13.10

Dr inż. arch. DAMIAN POKLEWSKI-KOZIEŁŁ, Dr inż. arch. MARCIN GIERBIENIS, Cracow University of Technology; *Revitalization of the market square in Trzebiatów in the context of environmental conditions*

13.10 – 13.20

Dr inż. arch. NATALIA GORGOL, Cracow University of Technology, Poland; *Wise city – smart city? Green infrastructure as a strategic feature of smart urban form on selected examples*

13.20 – 13.30 online

PhD Candidate VALENTYN SHAROVATOV, Kharkiv School of Architecture; *Typology of massing study and its reflection in the design of urban structures*

13.30 – 13.40

Dr hab. inż. arch. KATARZYNA HODOR, prof. CUT, Cracow University of Technology; **Dr inż. arch. MAGDALENA WILKOSZ-MAMCARCZYK, Dr hab. BARBARA PRUS, prof. UR, Mgr inż. arch. BARBARA OLCZAK**, University of Agriculture in Cracow; **Dr hab. NADIJA SOSNOVA, prof. NUPL**, Lviv Polytechnic National University; *Reflections on the absorptive limit of the development of the cultural landscape of villages soak up by post-socialist cities on the example of Bronowice (Krakow, Poland) and Znesinnya (Lviv, Ukraine)*

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LUNCH BREAK 13.40 – 15.10 ___ discussion behind-the-scenes

3rd SESSION 15.10 – 16.50

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Dr hab. inż. arch. WOJCIECH KORBEL, prof. CUT**, Cracow University of Technology, AUPC PAS; **Prof. D. Sc. Ph.D. Arch., IVOR SAMUELS**, Birmingham University, ISUF UK; **Dr hab. inż. arch. TOMASZ BRADECKI, prof. PŚ**, Silesian University of Technology, Gliwice

15.10 – 15.30

Prof. Dr. EMANUELE NABONI, Royal Danish Academy, KADK; University of Parma; *Climate Change, Design Change. Enhancing Ecosystem Quality, Health and Decarbonize by Design*

15.30 – 15.40

Prof. Dr hab. inż. arch. KRYSZYNA SOLAREK, Warsaw University of Technology, AUPC PAS; *Planning green and blue infrastructure in Poland: untapped potential of urban design*

15.40 – 15.50

Dr hab. inż. arch. KATARZYNA PLUTA, prof. PW, Warsaw University of Technology; *Resilient public spaces in the Mokotów district in Warsaw*

15.50 – 16.00 online

Prof. Ph.D. Arch. ADOLFO SOTOCA GARCÍA, DUOT ETSAV UPC Barcelona; *NDVI roots in Urban Planning. The Barcelona eastern delta case, 1956-2016*

16.00 – 16.10

Dr inż. arch. BARTŁOMIEJ BUŁAWA, Academy of Silesia, Katowice; *The urban development as a spatial continuum of the historic town center: the alternative to urban sprawl and "no context" development. The case of the town of Prusice, Poland*

16.10 – 16.20

Prof. dr hab. inż. arch. AGATA BONENBERG AUPC PAS, Poznań University of Technology; *Towards sustainable living environment. Acceptance level of mycelium material in architecture.*

16.20 – 16.30

Dr inż. arch. AGNIESZKA WŁOCH-SZYMLA, Cracow University of Economics; *Urban heritage of modernist housing estates and their contemporary potential in the structures of the city*

16.30 – 16.40

Dr hab. inż. arch. WOJCIECH KORBEL, prof. CUT, Cracow University of Technology, AUPC PAS; *Instruments of operational urban planning in Polish building code of 1928 - a forgotten legacy*

16.40 – 16.50

Prof. dr hab. inż. arch. AGATA BONENBERG AUPC PAS, **Dr inż. arch. AGNIESZKA KASIŃSKA-ANDRUSZKIEWICZ**, **Mgr inż. arch. EWA ANGONEZE-GRELA**, Poznań University of Technology; *Ecological District of Innovation and Technology in Poznań (EDIT Poznań) – strategy and pilot studies*

XVII INTERNATIONAL ACADEMIC CONFERENCE WISE CITY - THEORY AND PRACTICE

CONFERENCE PROGRAMME

Saturday, May 13th 2023

4th SESSION 10:00 – 11.50

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Prof. dr hab. inż. arch. ANNA JANUCHTA-SZOSTAK**, Poznań University of Technology; **Prof. Dr. EMANUELE NABONI**, Royal Danish Academy, KADK; University of Parma; **Prof. dr hab. inż. arch. MATEUSZ GYURKOVICH**, Cracow University of Technology

10.00 – 10.30

Prof. dr hab. inż. arch. PIOTR LORENS, Gdańsk University of Technology, AUPC PAS; *Flexible planning. Local government experiences*

10.30 – 10.40

Dr hab. inż. arch. KINGA RACÓŃ-LEJA, prof. CUT; dr inż. arch. KRZYSZTOF BARNAŚ; dr TOMASZ JELEŃSKI Cracow University of Technology; *Leveraging late-twentieth-century standardised housing technology in the struggle against climate change*

10.40 – 10.50

Prof. dr hab. inż. arch. ANNA KANTAREK, Cracow University of Technology, AUPC PAS; *Temperate City*

10.50 – 11.00

Prof. YURIY KRYVORUCHKO, Zaporizhzhia Polytechnic National University; **Dr hab. inż. arch. BOGUSŁAW PODHALAŃSKI**, Podhale State Vocational University in Nowy Targ; *Urban design in the context of warfare and natural disasters*

11.00 – 11.10 online

Assoc. Prof. Arch. MARCO LUCCHINI, Politecnico di Milano; *Can Continuity Between Housing Design and Urban Spaces Stop the Urban Crisis? The Study Case of Milan*

11.10 – 11.20

Prof. Dr. MICHAEL PETEREK, University of Applied Sciences Frankfurt; *Cultural Heritage and Protection of the Environment in the Urban-Rural Nexus: the Community-Based Tourism Approach for the Cu De River Valley in Da Nang, Vietnam*

11.20 – 11.30

Dr hab. inż. arch. PATRYCJA HAUPT, prof. CUT, Cracow University of Technology; **Dr inż. arch. LEA KAZANECKA-OLEJNIK**, Wrocław University of Science and Technology; *A comparative study of active transformation of public spaces on the border with commercial and cultural architectural infrastructure*

11.30 – 11.40 online

Mgr inż. arch. JAROSŁAW PIESIK, University of Zielona Góra; *Increasing the environmental capacity in the vertical space of the city center using vines on the example of the "Niebuszewo" district of the city of Szczecin*

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11.40 – 11.50

Dr inż arch. ERNESTYNA SZPAKOWSKA - LORANC, Cracow University of Technology; *Exploring narratives in the city's cultural heritage. A cross-disciplinary exploration*

COFFEE BREAK 11.50 – 12.20 __discussion behind-the-scenes

5th PARALLEL SESSION 12.30 – 14.00

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Dr hab. inż. arch. Kinga Racoń-Leja**, prof. CUT, Cracow University of Technology, **Prof. Dr. MICHAEL PETEREK**, University of Applied Sciences Frankfurt and **Prof. dr hab. inż. arch. AGATA BONENBERG**, Poznań University of Technology, AUPC PAS

12.30 – 12.40

Prof. dr hab. inż. arch. ANNA JANUCHTA-SZOSTAK (contributor inż. arch. Paulina Otto) Poznań University of Technology; *Water-wise Polish cities according to Water City Index*

12.40 – 12.50 online

Dr inż. arch. KRYSZYNA ILMURZYŃSKA, Warsaw University of Technology; *Possibilities and needs of transformation of a large housing estate in the face of demographic change and social background*

12.50 – 13.00

Assoc. Prof. PhD OLHA KRYVORUCHKO, Lviv Polytechnic National University; *Revitalization and reconstruction of urban spaces in the context of natural, social, epidemiological and military threats, on the example of Lviv*

13.00 – 13.10

Dr inż arch. DOROTA WANTUCH-MATLA, Cracow University of Technology; **Dr SŁAWOMIR DOROCCI**, **Dr RAFAŁ KROCZAK**, Pedagogical University of Krakow; *Spatial, functional and landscape changes of a medium-sized postindustrial town based on aerial photo analysis. The case of Gorlice.*

13.10 – 13.20

Prof. dr hab. inż. arch. MAGDALENA ŻMUDZIŃSKA-NOWAK, mgr inż. arch. **MAGDALENA WAŁEK**, PhD candidate, Silesian University of Technology, Gliwice; *Losing Genius Loci: cultural heritage in the face of 21st-century challenges, on the example of medieval defensive objects*

13.20 – 13.30

Dr inż arch. AGNIESZKA MATUSIK, Cracow University of Technology; *Multi-attribute analysis of waterfront public spaces in historic core of the city. Case study of Wisła River embankment in Kraków*

13.30 – 13.40 online

Dr inż arch. ANNA SULIMOWSKA, **Dr inż arch. MAGDALENA KRAUSE – ŚWIERCZYŃSKA**, Silesian University of Technology, Gliwice; *Exemplary thermal diagnostics together with an assessment of the maintenance condition of selected residential buildings of the Bobrek Estate in Bytom in the context of the possibility of their modernization*

XVII INTERNATIONAL ACADEMIC CONFERENCE WISE CITY - THEORY AND PRACTICE

13.40 – 13.50

Mgr inż. arch. DARIA PAWLACZYK-SZYMAŃSKA, Dr hab. inż. arch. AGNIESZKA GĘBCZYŃSKA-JANOWICZ, University of Technology in Gdansk; *Parks and gardens of psychiatric hospitals as therapeutic urban areas*

13.50 – 14.00 online

Mgr inż. arch. MICHAŁ PURSKI, Warsaw University of Technology; *Resilient public spaces in the Kielce City*

6th PARALLEL DOCTORAL SESSION 12.00 – 13.30

Faculty of Architecture building, 1st floor, room no.08

Moderators: **Dr hab. inż. arch. KATARZYNA HODOR, prof. CUT,** Cracow University of Technology; **Prof. Dr DENIS BOCQUET,** École Nationale Supérieure d'Architecture de Strasbourg, Laboratoire AMUP; **Dr hab. inż. arch. PATRYCJA HAUPT, prof. CUT,** Cracow University of Technology;

12.00 – 12.10

Mgr inż. arch. PAULINA NAGEL, Academy of Silesia, Katowice; *Possibilities for the renewal of the Katowice City Market in student visions*

12.10 – 12.20

Mgr inż. arch. WERONIKA WLAZŁY, Prof. dr hab. inż. arch. AGATA BONENBERG (patron), Poznań University of Technology, AUPC PAS; *Eye tracking study of greenery in interior spaces of public libraries*

12.30 - 12.40

Mgr inż. arch. EWA SZYMCZYK, PhD Candidate, Cracow University of Technology; *Does urban form matter? Growth and shrinkage of Polish medium-sized cities from urban planning perspective*

12.40 – 12.50

Mgr inż. arch. KRZYSZTOF KLUS, PhD Candidate, Cracow University of Technology, *Impact of urban planning on accessibility to educational institutions in the city residential complexes*

12.50 – 13.00

Mgr inż. arch. ALEKSANDRA PALMER, PhD candidate, Wrocław University of Science and Technology; *Didactics for smart cities – students' perspective*

13.00 – 13.10

M.Sc. SABENA THOMAS, PhD Candidate, Frankfurt University of Applied Sciences, Global Urbanisation Research Team; *Socio-Ecological Resilience and its Role in Cities in the Global South: A Case Study of Tshwane, South Africa*

13.10 – 13.20

Mgr inż. arch. JUDYTA RDUCH, PhD candidate, Cracow University of Technology; *The city's housing policy in the revitalization of socially excluded zones*

13.20 – 13.30

Mgr inż. arch. KRZYSZTOF GROCHAL, PhD Candidate, Cracow University of Technology, Poland; *Structural characteristics of the socialist satellite cities. Comparison of Tychy and Havířov*