



# CENTRALITY IN THE AGE OF DISPERSION

## Programme

**International Conference  
Centrality in the Age of Dispersion  
Wrocław 28-29.09.2023**

**The Depot History Centre Wrocław  
(Centrum Historii Zajezdnia)  
Grabiszyńska 184, 53-235 Wrocław,  
Poland**

**[www.centrality-dispersion.pwr.edu.pl](http://www.centrality-dispersion.pwr.edu.pl)**

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**Informal  
reception****Wrocław  
Old Town**

17.30 Meeting at the Main Square (Pręgierz)  
 17.30-19.00 Walk around the Old Town  
 19.00 - ... dinner and drinks according to participants' preferences

If you wish to join the group later than 17.30 or in case you need any assistance,  
 please contact Kasia Piskorek (+48 605 116 445, katarzyna.piskorek@pwr.edu.pl).

**8:00 - 9:00 Registration of participants****Main Hall****Welcome & Opening Session****Sala Pamięć  
i Przyszłość****Chair**

Łukasz Damurski

**9:00 - 11:00****Welcome from the Conference Organizing Committee**

Łukasz Damurski, Katarzyna Piskorek (Wrocław University of Science and Technology)

**Welcome from the Vice-Dean of the Faculty of Architecture, Wrocław University of Science and Technology**

Joanna Jabłońska (Wrocław University of Science and Technology)

**Welcome from the The Depot History Centre Wrocław**

Katarzyna Bock-Matuszyk (The Depot History Centre)

**Introduction to the Conference**

Łukasz Damurski (Wrocław University of Science and Technology)

**Gravity and Magnetism of Urban Centrality in a Multi-level Environmental Space, Cycle and Acceleration of Urbanization Development**

Iryna Ustinova, Alina Matsokha (Kyiv National University of Construction and Architecture)

**Population dispersal in national planning in Israel: Historical policy and current innovative approaches**

Moti Kaplan (Technion Israel Institute of Technology)

**Population Changes in Wrocław in 1998-2022: Concentration or Dispersion?**

Robert Szmytkie, Agnieszka Lisowska-Kierepka, Piotr Kryczka (University of Wrocław)

**Peri-urban areas at the crossroads of biophilic and technophilic development: Challenging the compact city paradigm**

Pieter van Os, Alexander Wandl (Delft University of Technology)

**Unplanned urban development in Kosovo? The problem of urban dispersion based on an analysis of Vushtrri, Mitrovica, and Pristina**

Gazmend Uka, Angelika Psenner (Vienna University of Technology)

**Discussion**

<b>11:00 – 11:30</b>	<b>Coffee break</b>	<b>Main Hall</b>
<b>Session 1A</b>	<b>Concentration and dispersion: trends and projections I</b>	<b>Sala Pamięć i Przyszłość</b>
<b>Chair</b>	Moti Kaplan	
<b>11:30 – 13:00</b>	<p><b>When dispersion becomes centrality: analysing street network configuration and socioeconomic levels in Bogotá (Colombia)</b>  <u>Diego Moreno, Alessandro Venerandi (University of Strathclyde)</u></p> <p><b>The dispersion of the city center in Łódź. Paradox or historical continuity?</b>  <u>Sylwia Kaczmarek (University of Lodz)</u></p> <p><b>Political transformations and changes of the market form of a small town - an outline of the problem to since 1939</b>  <u>Natalia Przesmycka (Lublin University of Technology), Magdalena Belof (Wrocław University of Science and Technology), Elżbieta Przesmycka (Andrzej Frycz Modrzewski Krakow University)</u></p> <p><b>City: organism or organ?</b>  <u>Jan Zipser (Wrocław University of Science and Technology)</u></p> <p><b>Discussion</b></p>	
<b>Session 1B</b>	<b>In search for urban resilience</b>	<b>Sala Kinowa</b>
<b>Chair</b>	Paweł Pach	
<b>11:30 – 13:00</b>	<p><b>How stakeholders' involvement could build resilient urban communities</b>  <u>Łukasz Fiedeń, Katarzyna Gorczyca, Magdalena Miśkowiec, Agnieszka Świągost-Kapocsi (Jagiellonian University)</u></p> <p><b>The importance of the idea of Ecological Urbanism in building a Resilient City</b>  <u>Agnieszka Dudzińska - Jarmolińska (University of Warsaw)</u></p> <p><b>Volumetric centralities - high density complexes as agglomeration and compression model</b>  <u>Gerhard Bruyns, S. Choi, Darren Nel, Henry Endemann (The Hong Kong Polytechnic University)</u></p> <p><b>The potential of railway areas in shaping urban resilience to climate changes</b>  <u>Piotr Węgrzynowicz, Karol Majewski (Cracow University of Economics)</u></p> <p><b>Discussion</b></p>	
<b>13:00 – 14:00</b>	<b>Lunch Break</b>	<b>Cocktail bar</b>

<b>Session 2A</b>	<b>Concentration and dispersion: trends and projections II</b>	<b>Sala Pamięć i Przyszłość</b>
<b>Chair</b>	Jan Barski	
<b>14:00 – 15:30</b>	<p><b>Changes of spatial structure in urban regions. Evidence from Poland</b>  Bartosz Bartosiewicz, Szymon Marcińczak (University of Lodz)</p> <hr/> <p><b>The Rise (and fall?) of innovation district. Mapping Clusters of Innovative Companies in Polish Cities</b>  Ilona Morawska (Institute of Urban and Regional Development), Jacek Gądecki (AGH University of Science and Technology)</p> <hr/> <p><b>Analysis of the emergence and decline of resource-based cities - utilizing ant algorithm to identify centers at risk of dispersion</b>  Szymon Dziedzic, Maciej Szarejko (Wrocław University of Science and Technology)</p> <hr/> <p><b>A dispersed city, in other words pressure on non-urbanized areas</b>  Matylda Wdowiarz-Bilska, Agnieszka Ciepiela (Cracow University of Technology)</p> <hr/> <p><b>(De-)Centralities of Artificial Intelligence in the Labour Market</b>  Balázs Cserpes (HafenCity Universität)</p> <hr/> <p><b>Discussion</b></p>	
<b>Session 2B</b>	<b>Planning for compact urban areas I</b>	<b>Sala Kinowa</b>
<b>Chair</b>	Paweł Pach	
<b>14:00 – 15:30</b>	<p><b>The rise of Self-contained communities and the tiny house villages movement</b>  Francesca De Filippi, Cristian Campagnaro, Roberto Pennacchio, Ana Ricchiardi, Sara Ceraolo (Politecnico di Torino)</p> <hr/> <p><b>The Loss of Urban Form of the Urban Centres and Subcentres</b>  Mateusz Gyurkovich (Cracow University of Technology)</p> <hr/> <p><b>Local matters - an approach for planning the city structure</b>  Dorota Jopek (Cracow University of Economics)</p> <hr/> <p><b>Fostering local centers in the GZM Metropolis in view of the 15-minute city concept</b>  Michał Stangel (Silesian University of Technology)</p> <hr/> <p><b>Age-friendliness of green open and public spaces in Jaipur city, India</b>  Rehal Parshant, P.S. Chani, Sonal Atreya, Harsimran Kaur (Indian Institute of Technology)</p> <hr/> <p><b>Discussion</b></p>	
<b>16:00 – 19:00</b>	<b>Study visit in Wrocław Suburbs</b>	<b>Main Hall</b>

<b>Session 4A</b>	<b>Designing public spaces</b>	<b>Sala Pamięć i Przyszłość</b>
<b>Chair</b>	Magdalena Belof	
<b>9:00 – 10:30</b>	<p><b>The role of public spaces in the ecodistricts planning and designing process</b>  <u>Bard Rama (Prague Technical University)</u></p> <p><b>Landscape architecture as a means of formation an emotionally positive context in buffer zones of cultural heritage objects</b>  <u>Alina Matsokha (Kyiv National University of Construction and Architecture)</u></p> <p><b>Ways of commemorating in the public space the lost urban and architectural values of cities</b>  <u>Maciej Piekarski (Rzeszow University of Technology)</u></p> <p><b>Narrative City Space and Livability: Historical and Cultural Heritage in Urban Centres</b>  <u>Ernestyna Szpakowska-Loranc (Cracow University of Technology)</u></p> <p><b>Discussion</b></p>	
<b>Session 4B</b>	<b>Enhancing territorial governance</b>	<b>Sala Kinowa</b>
<b>Chair</b>	Ulrich Graute	
<b>9:00 – 10:30</b>	<p><b>The dismantling of regional planning. The Copenhagen case</b>  <u>Hans Andersen (Aalborg University)</u></p> <p><b>Megaregions and Megaprojects - Multi-scalar connections of regional concentration and urban compaction in Greater China</b>  Henry Endemann, Gerhard Bruyns, Joern Buehring  <u>(The Hong Kong Polytechnic University)</u></p> <p><b>Location Finder: An Analytical Tool for Exploring Urban Governance</b>  <u>Mehmet Ortak, Jörg Rainer Noennig (HafenCity Universität Hamburg)</u></p> <p><b>Community involvement or struggles, fighting for clean air in Polish metropolitan areas</b>  Katarzyna Gorczyca, Daria Zozulia (Jagiellonian University)</p> <p><b>Discussion</b></p>	
<b>10:30 – 11:00</b>	<b>Coffee Break</b>	<b>Main Hall</b>

<b>Session 5A</b>	<b>Managing functional urban areas</b>	<b>Sala Pamięć i Przyszłość</b>
<b>Chair</b>	Jan Barski	
<b>11:00 – 12:30</b>	<p><b>Local transport policies in functional urban areas in the context of centrally planned national investments</b>  Ada Wolny – Kucińska, Agnieszka Dawidowicz, Małgorzata Dudzińska, Marta Gross (University of Warmia nad Mazury in Olsztyn)</p> <hr/> <p><b>Transport issues in functional urban areas – state and directions of development as an example of Olsztyn FUA</b>  Marta Gross, Agnieszka Dawidowicz, Małgorzata Dudzińska, Ada Wolny-Kucińska (University of Warmia and Mazury in Olsztyn)</p> <hr/> <p><b>A neverending story of urban sprawl in Poland - is there a legal way to prevent it?</b>  Anna Brzezińska-Rawa (Nicolaus Copernicus University in Toruń)</p> <hr/> <p><b>Objectives of land use planning in European Union countries</b>  Jerzy Ładysz (Wrocław University of Science and Technology)</p> <hr/> <p><b>Spatial development policy in metropolitan areas in the context of existing planning and strategic documents</b>  Dariusz Mikołajczyk, Natalia Sierpińska (Institute of Urban and Regional Development)</p> <hr/> <p><b>Discussion</b></p>	
<b>Session 5B</b>	<b>Planning for compact urban areas II</b>	<b>Sala Kinowa</b>
<b>Chair</b>	Moti Kaplan	
<b>11:00 – 12:30</b>	<p><b>Green compact city - a reality or contradiction? A few insights from recent studies on selected Polish cities</b>  Agata Warchalska-Troll, Karol Janas, Paweł Pistelok (Institute of Urban and Regional Development)</p> <hr/> <p><b>How do 15-minutes accessibility contribute to the social acceptance of restrictive transport policies? Insights from Poland</b>  Aneta Uss-Lik, Dawid Krysiński (Adam Mickiewicz University in Poznań)</p> <hr/> <p><b>Vertical extensions as one of the housing strategies of European cities. Review of research and legislative solutions</b>  Zuzanna Napieralska (Wrocław University of Science and Technology), Shady Attia (University of Liège)</p> <hr/> <p><b>The participatory model of the innercity urban transformation, on the example of Skawina</b>  Kinga Racoń-Leja, Tomasz Jeleński (Cracow University of Technology)</p> <hr/> <p><b>Discussion</b></p>	
<b>12:30 – 13:00</b>	<b>Lunch Break</b>	<b>Cocktail bar</b>

<b>Special session</b>	<b>ESRI Polska presentation</b>	<b>Sala Pamięć i Przyszłość</b>
<b>13:00 – 13:30</b>	<b>ESRI Polska presentation</b>	
<b>Session 6A</b>	<b>Quality of living concerns</b>	<b>Sala Pamięć i Przyszłość</b>
<b>Chair</b>	Ulrich Graute	
<b>13:30 – 15:00</b>	<p><b>Attractive places to live? - Location decisions in medium-sized cities affected by shrinkage</b>  Constanze Zöllter (Technische Universität Dresden)</p> <p><b>Are elderly people single-minded in their opinions on the friendliness of housing estates?</b>  Agnieszka Dawidowicz, Marta Figurska, Małgorzata Dudzińska, Adam Senetra (University of Warmia and Mazury in Olsztyn)</p> <p><b>Health-promoting urban form. Selected issues and examples?</b>  Monika Trojanowska (University of Gdańsk)</p> <p><b>In the search of a new quality of urban living - a contemporary vision of a garden-city and its derivatives</b>  Justyna Kleszcz (Opole University of Technology)</p> <p><b>The contribution of linear parks to the regeneration of dense, high-quality urban centers</b>  Moti Kaplan (Technion Israel Institute of Technology)</p> <p><b>Discussion</b></p>	
<b>Session 6B</b>	<b>Urban services hubs in transition I</b>	<b>Sala Kinowa</b>
<b>Chair</b>	Jan Zipser	
<b>13:30 – 15:00</b>	<p><b>A footloose city? In the search for spatial embeddedness of urban services</b>  Łukasz Damurski (Wrocław University of Science and Technology)</p> <p><b>Hierarchy of local centers in suburban municipalities around Warsaw</b>  Dorota Mantey (University of Warsaw)</p> <p><b>"Eutopia" or reality? Service accessibility in various urban zones of Wrocław within the framework of the "15-min city" concept</b>  Adrian Porada, Paweł Pach (Wrocław University of Science and Technology)</p> <p><b>Spatial patterns and factors influencing accesibility of institutional childcare</b>  Wirginia Aksztejn (University of Warsaw)</p> <p><b>Discussion</b></p>	
<b>15:00 – 15:30</b>	<b>Coffee Break</b>	<b>Main Hall</b>

<b>Session 7A</b>	<b>Quantifying centrality and dispersion</b>	<b>Sala Pamięć i Przyszłość</b>
<b>Chair</b>	Jan Zipser	
<b>15:30 – 17:00</b>	<b>How to measure peripherality at the city scale? A model proposal</b> Mikołaj Grosel (Wrocław University of Science and Technology)	
	<b>Quantifying Urban Shrinkage: Concentration and Dispersion in Medium-Sized Polish Cities</b> Ewa Szymczyk (Cracow University of Technology)	
	<b>Quantifying Process and Scale of Historical Suburbanization in Polish Agglomerations</b> Robert Szmytkie, Piotr Kryczka, Agnieszka Lisowska-Kierepka, Tomasz Figlus, Wojciech Jurkowski, Łukasz Musiaka, Dominik Sikorski, Tomasz Spórna, Paweł Sudra (University of Wrocław)	
	<b>Schelling's Model Explanation to the Formation of Cultural and Civilizational Centers</b> Ewa Tokarska, Maciej Szarejko (Wrocław University of Science and Technology)	
	<b>Discussion</b>	
<b>Session 7B</b>	<b>Urban services hubs in transition II</b>	<b>Sala Kinowa</b>
<b>Chair</b>	Agnieszka Szumilas	
<b>15:30 – 17:00</b>	<b>Emerging micro-centres in suburban ring/area of Wrocław – the effect of spontaneous market behaviour or planned local policies?</b> Paweł Pach, Magdalena Belof, Agnieszka Szumilas (Wrocław University of Science and Technology), Piotr Kryczka (University of Wrocław)	
	<b>Relational Centre Dispersions a four scale synchronic centrality model of the horizontal city</b> Gerhard Bruyns (The School of Design, the Hong Kong Polytechnic University)	
	<b>The changes in the Polish Settlement Network and Urban Hierarchy as a challenge for the country's polycentric development</b> Karol Janas, Wojciech Jarczewski, Agnieszka Sobala-Gwosdz (Institute of Urban and Regional Development)	
	<b>The diversity of signs and their functions in the dispersed centers of Łódź</b> Armina Kapusta (University of Lodz)	
	<b>Discussion</b>	
<b>Closing Session</b>	<b>Plenary Session</b>	<b>Sala Pamięć i Przyszłość</b>
<b>Chair</b>	Łukasz Damurski	
<b>17:00 – 17:15</b>	<b>Conference summary and farewell</b> Organizers	

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