

Young Researcher Forum, Thursday, 16.10.2025, 14:00 - 16:00



YA_01 - Energy and Digitalization

Session Chair: Andreas Wagner, Sadeeb Ottenburger

Stefan Bindreiter - Sustainable transformation - Energy and Digitalization

Amando Reber, Barbara Smetschka - Co-Creating Urban Energy Transition with Living Labs and Urban Digital Twins

Jonas Klingbiel - The Role of Living Labs for Urban Energy Transformation: Insights from SmartQuart and TransUrban.NRW

Panagiotis Gkirmpas - Estimating emission rates from multiple road traffic sources in urban environments

Julian Bansen - Social Networks of the Mobility Transition – The Role of Local Actor Networks in Urban Mobility Transformations

Tristan Emich, Tobias Kropp - The Smart Readiness Indicator as an opportunity to decarbonise the German and EU building stock

YA_02 - Urban Governance and Planning

Session Chair: Michael Jaoschka, Franziska Ehnert

Maria Eleni Bountola - Digital Societies and Urban Governance: Adapting global innovations in Greece

Stefan Böschen - Advancing spatial literacy in real-world labs

Hendrik Weiner - From Exploratory Teaching Projects to Urban Living Labs - Bottom-up Research Spaces for a New Public-Civic Collaboration

Pia Laborgne, Volker Stelzer - Activating Citizens through Innovation Communities for Inclusive Urban Transformations

Annica Kögler - How the set-up of an Urban Transition Lab influences experimentation - a case analysis of the TRUST project

Susanne Ober - Experimenting with cities – Real-world labs and experiments as tools for urban transformation

YA_03 - Ressource, Building and Construction

Session Chair: Moritz Dörstelmann, Florian Kaiser

Markus Szaguhn - Experimenting for Change: Potential of Employees of Municipal Energy Suppliers as Local Change Agents in Urban Sustainability Transformations

Ilirjana Haxhiaj, Jeta Bejtullahu - Reconstructing Durres: Governance, Sustainability, and Livability in Post-Earthquake Urban Transformation

Elke Widmann - Insulating the future - The fiber that binds energy efficiency and recycling

Hanna Bonekämper - Economic Viability of Urban Vertical Farming. Literature Review & Case Study

Ammon Budde, Nina Pawlicki, Sina Jansen - Unlocking the Transformative Potential of Real-World Laboratories in the Construction Sector

Ekaterina Gladkova - A Living Lab Experiment in a Mass Housing Estate in Tbilisi

YA_04 - Climate Protection and Adaption

Session Chair: Martin Berchtold, Hans Schipper

Jayati Chawla - Examining Race and Class Disparities in Surface Urban Heat in Australia: Towards Environmental Justice in Urban Planning

Chandana Bhasi - Repurposing Urban Parking Space to Green Space for Heat Stress Adaptation: Case studies of Stuttgart, Germany and Bhopal, India

Svea Krikau - Predicting heat-related risk using multi-source remote sensing data on a regional scale

Julia Fuchs - Diurnal patterns and drivers of urban fog in Milan

Laura Müller - Urban Infrastructures under Climate Pressure – Exploring Benefits of Transformation Concepts for Long-term Change

Anna Caroline Aigner - Experimental participation platforms as learning arenas for transformative climate governance: Insights from Vienna and Zurich

YA_05 - Mobility and Urban Space

Session Chair: Jochen Eckart, Daniel Lang

Haixiao Pan - Bridging home care services and female migrant laborers by electrical two-wheels

Clara Aulich - Exploring the potential of mobility hubs to enhance intermodal private transport choices - A stated choice approach in the surroundings of Karlsruhe

Ann-Sophie Voss - Intermodality and Urban Mobility: User Acceptance and Spatial Planning Implications for Autonomous Ridepooling in Hamburg

Andrea Reindl - Promoting ridesharing in urban areas through accompanying advertising measures and incentives: A case study of the City of Ried, Austria

Narek Mirzoyan - Diesel Bans and Urban Air Quality: A Causal Study of NO2 Emissions in Germany Using Synthetic Control

YA_06 - Water and Urban Ecology

Session Chair: Mario Franca, Anja Steglich

Marufa Sultana - Exploring synergies of urban greening for wildlife in cities

Denise Böhnke - Transformative Governance through Embedded Scientific Collaboration

Angélica Betancourth Arias - Advances in urban flood damage assessment: understanding floodwater transferring from street into property (INSIDE project)

SaeBom Song - Towards a Smart Circular Urban Future? Analysis of Water Management Visions in Amsterdam and Busan

Arend van der Kam, Emiliy Suchy, Josefine Siebenand, Martin Prominski - Changeability for transformation: a strategy for urban landscapes in the Anthropocene

Niku Khaleghi - The Role of Organic Street Networks in Sustainable Urban Mobility