

Program

The complete program for our Workshop.

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Time	Monday (2025-02-10)	Tuesday (2025-02-11)	Wednesday (2025-02-12)	Thursday (2025-02-13)	Friday (2025-02-14)
09:00	<p>Of Fish and Fascists <i>Iain Couzin</i> 09:00 - 09:30</p>	<p>The Wisdom of Conflicted Crowds - From Divisiveness to Augmented Democracy <i>Cesar Hidalgo</i> 09:00 - 09:30</p>	<p>Decision-Centred AI. On the Human-AI Interaction for Wicked Problems <i>Tina Comes</i> 09:00 - 09:30</p>	<p>Ontological Foundations of a Digital Society <i>Andrej Zwitter</i> 09:00 - 09:30</p>	<p>Mechanisms for Cooperation <i>Heinrich Nax</i> 09:00 - 09:30</p>
09:30	<p>Collective Rule-Breaking <i>Jens Krause</i> 09:30 - 10:00</p>	<p>Complexity and Networks <i>Guido Caldarelli</i> 09:30 - 10:00</p>	<p>Can we Make the Co-Evolution of Cities Smarter? <i>Denise Pumain</i> 09:30 - 10:00</p>	<p>New Tools for Urban Regeneration <i>Vittorio Loreto</i> 09:30 - 10:00</p>	<p>The Algorithm Game <i>Cesare Carissimo</i> 09:30 - 10:00</p>
10:00	<p>Collective Movement in Confined Space and Time <i>Ulrik Brandes</i> 10:00 - 10:30</p>	<p>Unraveling Voting Impact and its Novelty <i>Evangelos Pournaras</i> 10:00 - 10:30</p>	<p>Urban Planing the Unconventional, the Unintuitive, and the Unexpected <i>Javier Argota Sánchez-Vaquerizo</i> 10:00 - 10:30</p>	<p>Bridging Voting and Citizen Deliberations With Algorithms <i>Joshua Yang</i> 10:00 - 10:30</p>	<p>Smarter Societies at the Brink of Climate Emergency? <i>Viktoria Spaiser</i> 10:00 - 10:30</p>
Break					
	<p>Hybrid Intelligence for Digital Democratic Processes <i>Catholijn Jonker</i> 11:00 - 11:30</p>	<p>Circular Economy, Back to Holistic Product Design <i>Johannes Klinglmayr</i> 11:00 - 11:30</p>	<p>Can Urban Planners Tame Urban Traffic Congestion with Digital Era Solutions? <i>Efrat Blumenfeld</i> 11:00 - 11:30</p>	<p>Established Democracy and (Non-) Participatory Approaches in Times of AI, Complexity, and Technological Change <i>Regula Hänggli</i></p>	<p>Agent-Based Social Simulation - the Dream and the Reality <i>Mario Paolucci</i> 11:00 - 11:30</p>

			11:00 - 11:30	
<p>When Artificial Stupidity Meets its Natural Counterpart <i>Paul Lukowicz</i> 11:30 - 12:00</p>	<p>Citizen Engagement – Stumbling Block or Priceless Opportunity? <i>Rosy Mondardini</i> 11:30 - 12:00</p>	<p>Active Modes in Future Cities - (Data-) Challenges and Prospects <i>Serge Hoogendoorn</i> 11:30 - 12:00</p>	<p><u>Letting Go to Take Hold - Shaping Future Societies through Special Kairos Moments</u> <i>Thomas Maillart</i> 11:30 - 12:00</p>	<p>The Art of Legitimate Decision Making <i>Carina Hausladen</i> 11:30 - 12:00</p>
<p>From FutureICT to FuturICT 2.0 <i>Jose Jacob Kalayil</i> 12:00 - 12:30</p>	<p>Future Cities - Governance, Responsiveness, Generativity <i>Gerhard Schmitt</i> 12:00 - 12:30</p>	<p>Architectural Cognition - Human-centric Evidence for Design <i>Christoph Hölscher</i> 12:00 - 12:30</p>	<p>From Data to Democracy - Open-Source Pathways for Inclusive Urban Futures <i>Sachit Mahajan</i> 12:00 - 12:30</p>	<p>Rationality in Social Decision Making (v) <i>Richard Mann</i> 12:00 - 12:30</p>
<p>How Could AI Change Politics? <i>Karsten Donnay</i> 14:00 - 14:30</p>	<p>Better Science for a Better World <i>Santo Fortunato</i> 14:00 - 14:30</p>	<p>E-Bike-City <i>Kay Axhausen</i> 14:00 - 14:30</p>	<p>Traffic of Many Autonomous Drones in 2+ Dimensions (v) <i>Tamas Vicsek</i> 14:00 - 14:30</p>	<p>Human Values in Complex systems <i>Indushree Banerjee</i> 14:00 - 14:30</p>
<p>ML and Complexity <i>Nino Antulov-Fantulin</i> 14:30 - 15:00</p>	<p>Social Resilience <i>Hans J. Herrmann</i> 14:30 - 15:00</p>	<p>Virtual Roads, Real Solutions - From Academia to the Future of Transportation Digital Twins <i>Lukas Ambühl</i> 14:30 - 15:00</p>	<p>Atlas of Urban Scaling Laws <i>Anna Carbone</i> 14:30 - 15:00</p>	<p>Empowering Smart Cities through the Convergence of Artificial Intelligence, Virtual Reality, and Augmented Reality - A Human-Centric Approach to Urban Innovation <i>Hantao Zhao</i> 14:30 - 15:00</p>

<p>Environmental Inequality in European Cities. Empirical Analysis with Geo-Referenced Data <i>Andreas Diekmann</i> 15:00 - 15.30</p>	<p>The Ring of Brownian Motion. Its Beneficial Use for Physics and Elsewhere <i>Peter Hänggi</i> 15:00 - 15.30</p>	<p>Rethinking Urban Governance for People, Places and the Planet <i>Trivik Verma</i> 15:00 - 15.30</p>	<p>Decision Making Under Uncertainty <i>Lucas Böttcher</i> 15:00 - 15.30</p>	<p>Modeling the Global Economy (v) <i>Doyne Farmer</i> 15:00 - 15.30</p>
<p>Network Science and Smarter Society <i>Shlomo Havlin</i> 16:00 - 16:30</p>	<p>Hierarchical Control for Large-Scale Mobility Systems <i>Nikolas Geroliminis</i> 16:00 - 16:30</p>	<p>Development and Stability - Resolving a Paradox of Social Change (in Cities) <i>Luis Bettencourt</i> 16:00 - 16:30</p>	<p>Anticipation Heuristics and Prediction Horizons of Automated Vehicles in the Presence of Delays - Will it be Safer than Human Driving? <i>Martin Treiber</i> 16:00 - 16:30</p>	<p>Realistic Residential Segregation and Opinion Polarization Dynamics <i>Andreas Flache</i> 16:00 - 16:30</p>
<p>Complex Systems Design <i>Frances Brazier</i> 16:30 - 17:00</p>	<p>City Size Inequality Increases with Economic Development <i>Andrea Musso</i> 16:30 - 17:00</p>	<p>Decentralized Autonomous Organizations (DAOs) - Challenges and Opportunities <i>Stefano Balietti</i> 16:30 - 17:00</p>	<p>What Should Urban Traffic be optimized for? <i>Stefan Lämmner</i> 16:30 - 17:00</p>	<p>Allowing Collective Intelligence at Massive Scale <i>Dino Carpentras</i> 16:30 - 17:00</p>
<p>On the Limits of Science and Engineering <i>Carlos Gershenson</i> 17:00 - 17:30</p>	<p>Modeling and Decision Making in Complex Societies <i>Alessandro Vespignani</i> 17:00 - 17:30</p>		<p>Democratasing Traffic Signal Control <i>Damian Dailisan</i> 17:00 - 17:30</p>	<p>Smart <i>Frank Schweitzer</i> 17:00 - 17:30</p>