

ICUC12 – 12th International Conference on Urban Climate Rotterdam & online | 7–11 July 2025

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Schedule:

Institution	Author / Presenter	Date	Time	Room	Type	Session	Title
UniFreiburg	Matzarakis et al.	Mon, 07 Jul	11:20–11:35	Penn 2	Talk	HH3	Human-Biometeorological Assessment of Indoor Heat in Freiburg's University Hospital in Summer 2023
UniFreiburg	Zeeman et al.	Mon, 07 Jul	12:00–12:15	Leeuwen 1	Talk	PM8	Street-level sensor network (of networks)
UniReading	Liu et al.	Mon, 07 Jul	12:20–12:35	Penn 2	Talk	HH3	Winter nighttime overcooling and atmospheric stability changes resulting from building energy retrofit
UniStuttgart	Ravan et al.	Mon, 07 Jul	12:30–12:45	Mees 2	Talk	HH2	Comparative Assessment of Human Vulnerability and Adaptation Measures influencing Perceived Heat Stress: Case Study of Stuttgart and Berlin, Germany
UniReading	Grimmond et al.	Mon, 07 Jul	12:45–13:00	Leeuwen 1	Talk	PM8	urbisphere - ASSURE: Bristol: Across-Scale processes in Urban Environments on our way to coupling dynamic cities and climate
FORTH	Lantzanakis et al.	Mon, 07 Jul	14:00–14:15	Penn 1	Talk	PM1	The urbisphere Spectral Library v1.0: Enabling urban material identification across cities using multi-sensor satellite imaging
FORTH	Tsiranou et al.	Mon, 07 Jul	14:45–15:00	Mees1	Talk	PM5	Evaluation of SUEWS sensitivity to vegetation parameters in a residential area in Berlin, Germany

UniReading	Glazer et al.	Mon, 07 Jul	16:45–17:00	Mees1	Talk	PM5	Evaluation of mixed-layer height from a hectometric-scale NWP model using a dense LiDAR network in Berlin, Germany
UniReading	Hertwig et al.	Mon, 07 Jul	18:30–20:00	Exchange Hall	Poster	PM4	Multi-scale modelling connecting physical and socio-economic spaces: impact of human activities
UniFreiburg	Christen et al.	Mon, 07 Jul	18:30–20:00	Exchange Hall	Poster	PM8	A street-level sensor network in support of high-resolution modelling of urban weather and climate in Bristol, UK
FORTH	Panagiotakis et al.	Mon, 07 Jul	18:30–20:00	Exchange Hall	Poster	S22	A near real-time CO ₂ mapping web application for the Mediterranean city, Heraklion, Crete.
FORTH	Mitraka et al.	Tue, 08 Jul	12:00–12:15	Penn 1	Talk	PM1	Analysis of urban surface temperatures from ground-based and airborne sensors: Berlin, Germany
FORTH	Politakos et al.	Tue, 08 Jul	12:15–12:30	Leeuwen 1	Talk	S22	Dynamic changes in urban form and function affect Carbon Dioxide Fluxes in a Mediterranean city
FORTH	Gkolemi et al.	Tue, 08 Jul	12:30–12:45	Penn 1	Talk	PM1	Comparison of urban surface temperatures derived from in-situ and satellite TIR data with modeled 3D urban surface temperatures
UniFreiburg	Winkler et al.	Wed, 9 Jul	16:30–16:45	Mees 2	Talk	MPD1	Urban morphometric properties and their relationship to intra-urban air temperature across temporal and spatial scales
UniFreiburg	Ludwig et al.	Wed, 9 Jul	17:15–18:30	Balcony B16	Poster	S4	Exploring Urban Neighborhood-Scale Heat Warning Criteria Based on Temporal and Spatial Threshold Exceedances

UniStuttgart	Iqbal et al.	Thu, 10 Jul	10:00–10:15	Rotterdam 2	Talk	MPD3	Assessing heat adaptation measures of different households across urban structure types in transforming cities: case study of Berlin
UniFreiburg	Briegel et al.	Thu, 10 Jul	14:00–14:15	Leeuwen 1	Talk	PM7	High Resolution City-Scale Climate Projections of Urban Heat Stress based on an Deep Learning Approach
UniFreiburg	Christen et al.	Thu, 10 Jul	15:00–15:15	Mees 2	Talk	PM2	Modifications of boundary layer wind profiles across the urban area of Paris measured using a transect of six ground-based doppler wind lidars
UniReading	Cespedes et al.	Thu, 10 Jul	15:15–15:30	Mees 2	Talk	PM2	Summertime nocturnal low-level jet in Paris and interactions with urban heat and topography
UniFreiburg	Looschelders et al.	Thu, 10 Jul	16:30–16:45	Mees 2	Talk	PM2	Spatial variations in mixed-layer height along a rural-urban transect in Paris in relation to surface heat fluxes
UniFreiburg	Fenner et al.	Thu, 10 Jul	17:00–17:15	Mees 2	Talk	PM2	Year-round urban modifications and urban-plume effects of the mixed-layer height, boundary-layer clouds, and fog revealed by a ceilometer network in Berlin, Germany
UniFreiburg	Christen et al.	Fri, 11 Jul	10:00–10:15	Mees 2	Talk	PM2	Urban boundary layer effects on incoming shortwave and longwave fluxes over and downwind of Paris, France
TUB/UniFreiburg	Fenner et al.	Fri, 11 Jul	14:30 - 14:45	Penn 2	Talk	S10	Recent unprecedented warming in Berlin, Germany, not influenced by urban effects