

## HS7.8 Precipitation and Urban Hydrology

### Program

14:00 Introduction – conveners

14:05 **Short-duration rainfall extremes in very high-resolution climate projections: historical evaluation and future projections** [Olsson et al.]

14:10 **Addressing Uncertainties in Projected IDF Relationships under Climate Change** [Tripathy et al.]

14:15 **Modelling sub-hourly rainfall extremes with short records - a comparison of MEV, Simplified MEV and point process methods** [Wang et al.]

14:20 **Variability and trends of intense precipitation in a metropolitan area in the southern Brazil** [Allasia et al.]

14:25 **Modelling the Precipitation Impacts on Wastewater Influent Volumes in Galway, Ireland** [Saikia et al.]

14:30 **New pathways for high-resolution weather radar products in the Hamburg metropolitan region** [Burgemeister et al.]

14:35 **Set storage to the rain – Experimental and model-based evidence in mitigating extreme rainfall excess with green roofs** [Förster et al.]

14:40 **Commercial microwave links in urban rainfall-runoff modelling: Two different approaches to removing the bias** [Pastorek et al.]

14:45 **Characterizing the dominant conditioning factors of urban waterlogging in highly urbanized coastal cities** [Zhang et al.]

14:50 **The Hydrological Observatory of Mexico City (OH-IIUNAM): a unique setup for hydrological research within large urban environments** [Pedrozo-Acuña et al.]

14:55 **Assessment of the role of green infrastructure in sustainable urban water management** [Gulyás and Csete]

15:00 **Urban hydrology and flood mapping using UAV imagery** [Nolet et al.]

15:05 **Complementing urban rainfall/flood monitoring using low-cost citizen observatories: first result and challenges** [Verbeiren et al.]

15:10 General discussion / late uploaded displays