

Session Program

Jun 25 - 26, 2025

International Conference on Opportunistic Sensing of Precipitation - OpenSense

Application of OS rainfall data

German Weather Service, Offenbach, Germany
Frankfurter Straße 135 63067 Offenbach

Thu, June 26

4:30 PM

Application of OS rainfall data

Session | **Location:** German Weather Service, Offenbach, Germany, Frankfurter Straße 135 63067 Offenbach

16:30 - 16:45 **Applications of opportunistic rainfall observations: a review**

Speaker

Jonas Olsson

16:45 - 17:00

Precipitation field reconstruction and tracking using opportunistic rain sensors: the Summer 2021 catastrophic event in Germany as a case study

Speaker

Filippo Giannetti

17:00 - 17:15

Exploiting a dense Commercial Microwave Link (CML) network in Nigeria for high-resolution near-surface rainfall estimates

Speaker

Bas Walraven

17:15 - 17:30

Runoff predictions in combined sewer system of the city of Prague using raw attenuation data from commercial microwave links

Speaker

Ying Song

17:30 - 17:45

Large-scale hydrological modelling with CML rainfall data

Speaker

Andrijana Todorovic

17:45 - 18:00

Flood forecasting based on personal weather station rainfall data

Speaker

Claudia Brauer

6:00 PM