

Session Program

Jun 25 - 26, 2025

International Conference on Opportunistic Sensing of Precipitation - OpenSense

Comparative performance analysis and uncertainty assessment

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

Thu, June 26

12:00 PM

Comparative performance analysis and uncertainty assessment

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

12:00 - 12:15

Comparison between terrestrial and satellite microwave links as opportunistic rainfall sensors

Speakers

Prof. Filippo Giannetti, Dr Giovanni Scognamiglio, Dr Attilio Vaccaro, Prof. Carlo De Michele, Roberto Nebuloni

12:15 - 12:30

Exploring Rain Scintillation Spectra from Microwave Links for Raindrop Size Distribution Retrieval

Speaker

Peiyuan Wang

12:30 - 12:45

Insights in the rainfall dynamics preceding and during the 29 October 2024 Valencia floods using rainfall observations from personal weather stations.

Speaker

Nathalie Rombeek

12:45 - 13:00

Do citizen science data improve the reconstruction of heavy rainfall events?

Speaker

Dr Hannes Müller-Thomy

1:00 PM