

Session Program

Jun 23 - 24, 2026

Second International Conference on Opportunistic Sensing of Precipitation - OpenSense 2026

Coffee poster session #2

Royal Netherlands Meteorological Institute, Building A
Utrechtseweg 297, De Bilt, the Netherlands

Wed, June 24

2:15 PM

Coffee poster session #2: Comparative performance analysis and uncertainty assessment, and Processing methods

Session

2:15 – 3:30 PM

Comparison of CML-based precipitation estimates to GPCP and GIRAFE for SetGMDI pilot regions

Speaker

Tanja Winterrath

2:15 – 3:30 PM

Microwave link attenuation under rain and hail: insights into hail effects

Speaker

Liora Mazangia

2:15 – 3:30 PM

Using commercial microwave links for quantitative rainfall estimation in Belgium: optimisation and calibration

Speaker

Simon De Corte

2:15 – 3:30 PM

Comparison of cellular microwave link (CML), meteorological, and model data of absolute humidity values in urban Jerusalem

Speaker

Mr Konstantin Romantsov

2:15 – 3:30 PM

Rainfall acoustic classification in semi-urban and forest soundscapes with machine learning

Speaker

Mr Rodrigo Xavier

2:15 – 3:30 PM

AI-enhanced rainfall detection and monitoring using CMLs in smart cities

Speaker

Congzheng Han

2:15 – 3:30 PM

An overview of the MERGOSAT project and first results for improved wet-dry classification using SEVIRI data, SML attenuation in the melting layer and novel wet antenna attenuation simulations

Speaker

Christian Chwala

2:15 – 3:30 PM

SynthRain: a synthetic testbed for opportunistic rainfall mapping with dense city-scale CML networks

Speaker
Matej Istvanek

2:15 - 3:30 PM

TelcoTemp: opportunistic air temperature monitoring from operational microwave link networks

Speakers
Matej Istvanek, Petr Musil

2:15 - 3:30 PM **A benchmarking framework for PWS quality control algorithms**

Speaker
Damaris Zulkarnaen

3:30 PM