

Session Program

Jun 23 - 24, 2026

Second International Conference on Opportunistic Sensing of Precipitation - OpenSense 2026

Oral session #6

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

Wed, June 24

3:30 PM

Oral session #6: Comparative performance analysis and uncertainty assessment

Session

3:30 – 3:45 PM

5G-and-beyond for high-resolution, high-accuracy opportunistic weather monitoring: 5G+-Weather

Speaker

Sander Bronckers

3:45 – 4:00 PM

Country-wide rainfall estimates from a commercial microwave link network in Belgium

Speaker

Kwinten Van Weverberg

4:00 – 4:15 PM

The signal beyond the noise

Speaker

Sagi Alon

4:15 – 4:30 PM

The importance of KPI standardization in validation studies of rainfall data retrieved by opportunistic sensors

Speakers

Roberto Nebuloni, Filippo Giannetti

4:30 – 4:45 PM

The use of transformers for empirical study of the effect of different sampling protocols on rain estimation accuracy

Speaker

Dr Jonatan Ostrometzky

4:45 – 5:00 PM

Two fluxes from one device: opportunistic sensing of precipitation and evaporation using microwave links from cellular communication networks

Speaker

Remko Uijlenhoet

5:00 PM