Session Program

18–20 Nov 2026

9th INTERNATIONAL WORKSHOP ON RETRIEVAL OF BIO- & GEO- PHYSICAL PARAMETERS FROM SAR DATA FOR LAND APPLICATIONS

Soil and Hydrology I

Universitat Politecnica de Catalunya , Aula Master
Barcelona

Thursday 19 November

09:30

Soil and Hydrology I

Session | **Location:** Universitat Politecnica de Catalunya , Aula Master, Barcelona

09:30–09:50

Ground--Latent Interferometric Model for Soil Moisture Anomaly Retrieval

Speaker
Giovanni Costa

09:50–10:10

High-resolution surface soil moisture retrieval: A hybrid machine learning framework integrating change detection and downscaling for precision water management

Speaker
zihao wang

10:10–10:30

Assessing mire breathing patterns across Mecklenburg Vorpommern, Germany using a Sentinel-1 SBAS approach

Speaker
Luc Pienkoß

10:30–10:50

Deep Learning-Based Soil Moisture Retrieval from Short Sentinel-1 Time Series

Speaker
Jose Luis Bueso

10:50