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Tuesday, November 17

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## MISSION

Session Chairs: Frank Marzano, Catherine Prigent

**17:00** Ocean and Sea Ice algorithm developments for the Copernicus Imaging Microwave Radiometer (CIMR)

*Lise Kilic, Catherine Prigent, Carlos Jimenez, Craig Donlon*

**17:15** Orbit design for satellite swarm-based interferometric radiometers for super-resolution earth observation

*Mark Lütznér, Thomas Jagdhuber, Adriano Camps, Hyuk Park, Roger Förstner, Markus Peichl, Jan Eilers*

**17:30** Microwave Radiometry in the 0.5-1.4 GHz range: An Emerging Technology for Earth Remote Sensing

*Joel T. Johnson*

**17:45** Validation of Geolocation accuracy for millimetre and submillimetre-wave radiometers

*Mario Papa, Frank Silvio Marzano, Nazzareno Pierdicca, Vinia Mattioli, Janja Avbelj, Francesco De Angelis, Mario Montopoli, Daniele Casella, Giulia Panegrossi*

**18:00** Atmospheric boundary layer observations for operational meteorology and climate

*Marian Klein*

**18:15** MicroWave Imager for MetOp-SG: development status and Instrument verification

*Tito Lupi, Walter di Nicolantonio, Andrea di Cintio, Fabio Tominetti, Carine Bredin, Christophe Malassingne, Christian Tabart, Emma Matarazzo, Nicola Gatti, Enrico Vetrano, Luca Salghetti Drioli, Salvatore d'Addio, Paolo Colucci*