
Monday, November 16

MISSION

Session Chairs: William Blackwell, Emanuele Santi

17:00 Evaluating new spectroscopy in the Met Office Observational Processing System using microwave satellite instruments

Emma Turner

17:15 Microwave Radiometry on MetOp-SG satellites: Development Status and Initial Performance Verification

Luca Salghetti Drioli, Ville Kangas, Ulf Klein, Alberto Graziani, Marc Loiselet, Graeme Mason

17:30 Entering a New Era of CubeSat Microwave Sounding: MicroMAS-2a On-orbit Results and Preparations for the NASA TROPICS Constellation Mission

William J. Blackwell

17:45 The MicroWave Sounding mission (MWS) of the EUMETSAT Polar System - Second Generation

Imke Krizek, Sabatino Di Michele, Jörg Ackermann, Maurizio De Bartolomei, Christophe Accadia, Paolo Colucci, Peter Schlüssel

18:00 The EUMETSAT Polar System - Second Generation (EPS-SG) Microwave Imager (MWI) and Ice Cloud Imager (ICI) missions

Vinia Mattioli, Christophe Accadia, Francesco De Angelis, Peter Schlüssel, Paolo Colucci, Alessio Canestri

18:15 Real-Time Detection and Filtering of Radio Frequency Interference On-board a Spaceborne Microwave Radiometer: The CubeRRT Mission

Joel Johnson

18:30 ICECUBE: demonstration of an 883 ghz radiometer for ice cloud remote sensing

Negar Ehsan, Brian Abresch, Eric Bryerton, Jaime Esper, Thomas Johnson, Paul Racette, Jeffrey Piepmeier, Dong Wu

18:45 Passive Microwave Atmospheric Sounder/Imager on a CubeSat Performing Global Observations for More than Two Years on Orbit: Temporal Experiment for Storms and Tropical Systems Demonstration (TEMPEST-D) Mission

Steven C. Reising, Todd C. Gaier, Shannon T. Brown, Christian D. Kummerow, Wesley Berg, V. Chandrasekar, Sharmila Padmanabhan, Boon H. Lim, Cate Heneghan, Richard Schulte, Yuriy Goncharenko, C. Radhakrishnan, Matthew Pallas, Doug Laczkowski, Austin Bullard, Nancy Gaytan