

CRYOSPHERE

Session Chair: Simonetta Paloscia

- 17:00** An optimal interpolation-based approach to combining passive microwave spaceborne retrievals of snow depth with in-situ snow depth measurements
Cezar Kongoli
- 17:15** A New Approach for Retrieving Sea Ice Concentration and Classifying Sea Ice Type Using Satellite Microwave Radiometers
Katherine Wentz, Carl Mears, Frank Wentz, Andrew Manaster
- 17:30** Sea Ice Observations with 0.5-2 GHz Microwave Radiometry as part of the MOSAiC Campaign
Joel Johnson, Oguz Demir
- 17:45** Global freeze/thaw data records using spaceborne L-band radiometers
Xiaolan Xu, Kimmo Rautiainen, Tuomo Slomander, Andreas Colliander
- 18:00** A coherent reflectivity model for layered media over an inhomogeneous half space for combined active and passive microwave remote sensing of polar ice sheet subsurface temperatures
Haokui Xu, Leung Tsang, Joel T. Johnson, Kenneth C. Jezek, Prasad Gogineni, Stephen J. Yan
- 18:15** A New Snow Wetness Retrieval Algorithm to Detect Greenland Ice Sheet Surface Melting using SMAP Microwave L-Band Radiometry
Mohammad Mousavi, Andreas Colliander, Dara Entekhabi, Joel Johnson, Julie Miller, Christopher Shuman, John Kimball