
Tuesday, November 17

MISSION

Session Chairs: Manuel Martin Neira, Nazareno Pierdicca

14:30 SMOS is ten years old but still going strong

Yann H. Kerr, Philippe Richaume, Arnaud Mialon, Ali Mahmoodi, Emma Bousquet, Nemesio Rodriguez-Fernandez, François Cabot, Maciej Miernecki, Ahmad Al Bitar, Cristina Vittucci, Jean-Pierre Wigneron, Mike Schwank, Kimmo Rautiainen, Klaus Scipal

14:45 10-years of SMOS measurements: towards 'climatic' applications

Maria Jose Escorihuela, Nemesio Rodriguez-Fernandez, Jennifer P. Grant, Paolo Ferrazzoli, Thierry Pellarin, Ahmad Albitar, T. Kaminski, M. Piles, L. Kaleschke, M. Leduc-Leballeur, G. Picard, G. Macelloni, M. Schwank, J. Boutin, P. de Rosnay, P. Quintana-Segui, J. Gaona, Yann H. Kerr

15:00 SMOS instrument calibration and level-1 processor performance after 10 years in orbit

Manuel Martin-Neira, Roger Oliva, Ignasi Corbella, Francesc Torres, Nuria Duffo, Israel Duran, Juha Kainulainen, Josep Closa, Albert Zurita, François Cabot, Ali Khazaal, Eric Anterrieu, Philippe Richaume, Jose Barbosa, Gonçalo Lopes, Joe Raúl Díez-García, Jorge Fauste, Antonio Turiel, Verónica González-Gambau, Raffaele Crapolicchio, Giovanni Macelloni, Marco Brogioni, Pierre Vogel, Martin Suess, Irene Cerro Herrero, Elena Checa Cortés

15:15 Distributed L-band interferometry demonstration mission

*François Cabot, Eric Anterrieu, Thierry Amiot, Yann Kerr
Caujolle, Nicolas Jeannin*

15:30 A new L-band passive radiometer for Earth science and applications: the SMOS-HR mission

Nemesio Rodriguez-Fernandez, Eric Anterrieu, Bernard Rougé, Jacqueline Boutin, Ghislain Picard, Thierry Pellarin, M. Escorihuela, Olivier Merlin, Jean-Michel Morel, François Cabot, Thibaut Decoopman, Josiane Costeraste, Thierry Amiot, Ahmad

15:45 Preliminary system studies for SMOS-HR: a high-resolution SMOS follow-on

Eric Anterrieu, Nemesio Rodriguez-Fernandez, François Cabot, Philippe Richaume, Ali Khazaal, Yann Kerr, Jean-Michel Morel, Bernard Rougé, Miguel Colomb, Josiane Costerate, Thierry Amiot, Baptiste Palacin, Raquel Rodriguez-Suquet, Thibaut Decoopman, Romain Caujolle, Nicolas Jeannin

16:00 Spaceborne experiment Convergence: the vertical profile of atmospheric humidity retrieving by passive microwave methods

Eugene Pashinov, Victor Sterlyadkin

16:15 Microwave radiometer spectrometer MIRS in the space experiment convergence

Alexey V. Kuzmin, Tatyana O. Kozlova, Evgeny V. Pashinov, Ilya N. Sadovsky, Dmitry S. Sazonov, Alexander B. Selunsky, Victor V. Sterdyadkin