



**COST ESSEM COST Action ES1001:
SMOS Mission Oceanographic Data Exploitation (SMOS-MODE)**

Work Group 1 & 2 Meetings

Ischia (Italy), on 12 & 13 June 2014

Draft Agenda

Thursday, 12 June 2014

09:00 – 09:15: Welcome and Logistics (MC Chair and Local Host)

WG1 Session

09:15 – 09:25: S. Delwart, ESA: Update of the SMOS mission and data products

09:25 – 09:35: S. Yueh (on behalf of T. Lee, NASA): Update of the Aquarius/SAC-D mission and data products

09:35 – 09:45: S. Yueh, NASA: Update of the Soil Moisture Active Passive (SMAP) mission and its expected salinity product

09:45 – 10:00: M. Portabella (on behalf of V. Gonzalez, Spain): Latitudinal and seasonal SMOS amplitude calibration assessment

10:00 – 10:15: M. Portabella (on behalf of A. Turiel, Spain): A novel reconstruction algorithm for the improvement of SMOS brightness temperatures

10:15 – 10:25: J. Seppanen, Finland: Aalto's progress with RFI detection and mitigation software

10:25 – 11:00: **Coffee Break**

11:00 – 11:15: S. Delwart, ESA: Status of SMOS Expert Support Laboratories (ESL) activities

11:15 – 11:30: N. Reul, France: Empirical land contamination correction for SMOS ocean brightness temperature measurements

11:30 – 11:45: F. Lenti, Italy: Regularized inversion methods in synthetic aperture imaging radiometry



11:45 – 11:55: N. Reul (on behalf of J. Boutin, France): Effect of rain on SSS measured by SMOS and sea surface drifters

11:55 – 12:05: N. Reul (on behalf of J. Boutin, France): Satellite & In Situ Salinity (SISS) working group activities

12:05 – 12:20: E. Bayler, NOAA: Intercomparison of Global Satellite Sea-Surface Salinity Observations with Reference to Argo Near-Surface Salinity

12:20 – 12:30: M. Makynen, Finland: SMOS SSS data in the Baltic Sea

12:30 – 14:00: **Lunch Break**

14:00 – 14:30: WG1 Round Table

WG2 Session

14:30 – 14:45: E. Tzortzi, UK: SSS variability in the Tropical/Subtropical Atlantic

14:45 – 14:55: R. Sabia, The Netherlands: Satellite estimation of water masses formation areas – ongoing activities

14:55 – 15:10: A. Brook, Israel: Methane production and air-sea exchange in the coastal waters: An evaluation based on fused and integrated remote sensing data

15:10 – 15:25: B. Ward, Ireland: Diurnal warming and mixing during the SPURS salinity field experiment

15:25 – 16:00: **Coffee Break**

16:00 – 16:10: A. ten Doeschate, Ireland: Progress in sea surface salinity during SPURS

16:10 – 16:25: J. Ballabrera, Spain: Application of Level 3 and Level 4 products to study the North-Atlantic salinity variability

16:25 – 16:35: L. Pedersen & R. Tonboe, Denmark: Simulations of SMOS signatures of sea-ice

16:35 – 16:45: G. Heygster, Germany: 3 updates for sea ice retrieval from SMOS

16:45 – 17:10: WG2 Round table

17:10 – 17:30: WG1 & WG2 Summary - Round table



18:30: **Social Dinner**

Friday, 13 June 2014

Management Committee Meeting

8:30 – 10:00: MC Meeting

10:00 – 10:30: **Coffee Break**

10:30 – 12:30: MC Meeting