



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

Work Group 1 & 2 Meetings

**Larnaca (Cyprus), on 11 & 12 October 2012
Golden Bay Beach Hotel, "Venus" Room**

Agenda

Thursday, 11 October 2012

08:30 – 08:45: Welcome and Logistics (MC Chair and Local Host)

WG1 Session

08:45 – 09:00: J. Kainulainen, Finland: "Activities of the Aalto University in the frame of SMOS-MODE WG-1"

09:00 – 09:15: J. Boutin, France: "Temporal evolution of biases observed between SMOS and modeled TB"

09:15 – 09:30: J. Gourrion, Spain: "Systematic errors in SMOS images: analysis of anomalies in brightness temperature time series"

09:30 – 09:45: N. Reul, France: "Bias trends in brightness temperatures derived from MIRAS"

09:45 – 10:00: E. Dinnat, NASA: "Aquarius calibration/validation and intercalibration with SMOS"

10:00 – 10:20: **Coffee Break**

10:20 – 10:35: S. Yueh, NASA: "Modeling and correction of wind, wave, galactic sky reflection and land surface effects on salinity retrieval"

10:35 – 10:50: A. Montuori, Italy: "Assessment of the SMOS operational Bayesian-based inversion for salinity and wind retrieval purposes"

10:50 – 11:05: A. Korosov, Norway: "Processing of SMOS data taken in the North Atlantic"

11:05 – 11:20: M. Migliaccio, Italy: "Novel techniques for resolution enhancement"

11:20 – 11:35: J. Boutin, France: "Comparisons of SSS measured by SMOS and by in situ platforms: SMOS SSS validation and salinity stratification effect"

11:35 – 11:50: R. Sabia, ESA: "Improved analysis on SMOS SSS performances at decreasing sea surface temperature"

11:50 – 13:20: **Lunch Break**

13:20 – 13:35: A. Turiel, Spain: "Fusion of SMOS and Aquarius data by turbulence-inspired methods"



13:35 – 13:50: E. Slominska: “Dielectric properties of floating ice - SMOS in the region of Antarctica”

13:50 – 15:00: WG1 Round table

15:00 – 15:20: **Coffee Break**

WG2 Session (Part 1)

15:20 – 15:35: J. Boutin, France: “Tropical instability waves in the equatorial Pacific Ocean as detected by SMOS”

15:35 – 15:50: J. Ballabrera, Spain: “Presence of ENSO signal in the SMOS data”

15:50 – 16:05: L. Toudal Pedersen, Denmark: “Use of SMOS ice thickness in sea ice charting at the Danish Meteorological Institute”

16:05 – 16:20: R. Sabia, ESA: “Preliminary Results on the Derivation of Satellite-Based T-S Diagrams”

16:20 – 16:35: B. Ward, Ireland: “In-situ measurements during the Sub-Tropical Atlantic Sea Surface Salinity Experiment (STRASSE)”

16:35 – 16:50: Y. Chao, Remote Sensing Solutions, USA: “Preliminary Salinity Science Results from Aquarius and SPURS Field Experiment”

16:50 – 18:00: WG2 and end-of-day Round table

20:00: **Social Dinner**

Friday, 12 October 2012

WG2 Session (Part 2)

09:00 – 09:15: N. Reul, France: "Haline hurricane wake in the Amazon/Orinoco plume: AQUARIUS/SACD and SMOS observations"

09:15 – 09:30: Y. Samuel-Rhoads, Cyprus: “Comparison of SMOS and Aquarius SSS data in the Mediterranean”

09:30 – 09:45: D. Kassis, Greece: “Validation of SMOS SSS L3 products against in-situ measurements and POM model output within the Mediterranean Sea”

09:45 – 10:00: A. Alvera-Azcarate, Belgium: “Possibilities of using DINEOF with SMOS data”

10:00 – 10:15: M. Lazar, Israel: “Remote sensing in Israel - an overview”



10:15 – 10:35: **Coffee Break**

10:35 – 10:50: A. Peliz, Portugal: "The role of the Mediterranean outflow on the upper layer circulation and salinity in the Mid-Latitude NE Atlantic"

10:50 – 11:05: A. Machado, Portugal: "Circulation and eddy fluxes along in the Iberian Basin"

11:05 – 11:20: M. Schlundt, Germany: "On the freshwater budget in the tropical North Atlantic"

11:20 – 12:30: WG2 Round table and General Discussion for WGs

12:30 – 14:00: **Lunch Break**

Management Committee Meeting

14:00 – 15:50: MC Meeting

15:50 – 16:10: **Coffee Break**

16:10 – 18:00: MC Meeting