

Poster Programme - ESA-SOLAS-EGU EO4OcAtm-2014

#	Record	Author	Title
Session 1 - Novel EO missions			
1	68263	R. Ernst, <i>OHB System AG</i>	The Ocean Surface Current Mission (OSCM) Study Preliminary System Architecture
2	68268	K. Buchheim, <i>RUAG Space</i>	High Data Rate Optical Downlink Systems for Future Eo Missions
Session 2 - GHG Fluxes			
3	65356	M.K. Dutta, <i>University of Calcutta</i>	Dynamics of Dissolved Methane in a Mangrove Dominated Estuary of the Sundarbans, NE Coast of India: a Box Model Study
4	68191	M. Smith, <i>NIWA</i>	Ocean-atmosphere greenhouse gas fluxes and air-sea gas transfer
5	68199	C. Marandino, <i>GEOMAR</i>	Using Earth Observation Products to Interpret CO ₂ Eddy Covariance Flux Measurements and Gas Transfer Coefficients in the Indian Ocean
6	68378	J.V. Lavric, <i>Max-Planck-Institute for Biogeochemistry</i>	South African TRace gas Experiment (SATRE) – Continuous Coordinated Ocean-atmosphere measurements onboard the R/V Meteor
7	68454	T.S. Rhee, <i>Korea Polar Research Institute</i>	Contrasting characteristics of dissolved CO in the surface mixed layer between the North Pacific and the Amundsen Sea
8	71143	L. Gutierrez Loza, <i>CICESE</i>	Air-sea carbon dioxide fluxes in the coastal zone
9	71427	C. Garbe, <i>IWR</i>	Earth Observations for Assessing Transport of Climatically-Active Gases in the Eastern Boundary Upwelling Systems
10	71430	C. Garbe, <i>IWR</i>	Small scale turbulent structures and the effect of spatial scales on gas transfer
Session 3 - Ocean/Atmosphere Interactions at High Latitudes			
11	68305	M. Miernecki, <i>University of Hamburg</i>	Sea Ice Surface Roughness Parametrization from SMOS Multi-Angular TB.
12	68684	N. Firoozy, <i>Umanitoba</i>	Snow-Covered Sea Ice Parameter Retrieval via Electromagnetic Global Optimization Inversion
13	68686	A. Komarov, <i>Umanitoba</i>	Modeling and Measurements of C-Band Radar Backscatter from Snow-Covered Sea Ice
14	70584	A. Mazur, <i>Institute of Oceanography University of Gdansk</i>	Object-Based Classification of Icebergs in the Amundsen Sea based on ASAR Data
15	70853	R. Traversi, <i>University of Florence</i>	Sea Salt Record from Talos Dome Firn Layers: a Modern Validation of a Proxy for Past Sea Ice Extent
Session 4 - Heat and Freshwater fluxes			
16	67897	F.Lenti, <i>Università dell'Insubria</i>	Analysis of the Uncertainties Associated to the Estimation of SST and Wind Speed from Microwave Radiometer Data at Enhanced Spatial Resolution.
17	68132	A. Kolokolova, <i>P.P. Shirshov Institute of Oceanology RAS</i>	The Distribution of Characteristics of the Intermediate and Deep Water Masses over 60N in the Atlantic Ocean in 2011
18	68194	C. Babu, <i>CUSAT</i>	Characteristics of heat budget components in the Indian Ocean during active and break phases of monsoon

19	68345	J. Ballabrera, <i>CSIC</i>	Tracking Cold Core Rings with High Resolution Salinity Fields Derived from Satellite
20	68388	D. Faggiani Dias, <i>National Institute for Space Research</i>	Downscaling a climate model for the present and projected climate in Southwest Atlantic Ocean using a regional ocean model
21	68618	L. Esters, <i>NUI Galway</i>	Simultaneous Observations of Diurnal Warming and a Convective Event in the Labrador Sea
22	68770	S. Coburn, <i>University of Colorado Boulder</i>	Measurements of diurnal variations and eddy covariance (EC) fluxes of glyoxal over the tropical Pacific Ocean during the TORERO 2012 field experiment
23	68818	A. Olita, <i>CNR</i>	Impact of surface fluxes formulation on modeling the circulation around Sardinia
24	69086	A. Ten Doeschate, <i>NUI Galway</i>	Near-Surface Measurements in the Subtropical Northern Atlantic: Heat Exchange and Salinity Variability During SPURS
25	69138	M. Zampieri, <i>CMCC</i>	Observed Long-term Variability of Spring Hydrology over the Alps
26	70659	G.L. Liberti, <i>ISAC-CNR</i>	Annual Cycles of SST-TPWV over Tropical Oceans: Insights from TRMM Analysis
27	71023	G. Fusco, <i>Università degli Studi di Napoli Parthenope</i>	Surface heat fluxes and thermohaline variability in Terra Nova Bay Polynya
28	71118	S. Kolios, <i>Technological and Educational Institute of Epirus</i>	Spatiotemporal relation between sea surface temperature and cloud convection in the Mediterranean basin during warm season
Session 5 - Momentum Fluxes			
29	67692	C. Hasager, <i>DTU Wind Energy</i>	Offshore Wind Farm Wake Study using Envisat ASAR and Radarsat in the Northern European Seas
30	67753	D. Schiavulli, <i>Università Parthenope di Napoli</i>	An Effective Inversion Scheme to Generate Added-Value Remote Sensing Products from GNSS-R Delay-Doppler Maps
31	68094	R. Osés Rodríguez, <i>Meteorological Centre of Villa Clara</i>	Daily Modeling of the State of the Sea and the Speed of the Wind in Holguin. Cuba
32	68209	O. Gutiérrez, <i>Environmental Hydraulics Institute</i>	On the Feasibility of the Use of wind SAR to Downscale Waves on Shallow Water
33	68328	M. Ghobadian, <i>Hamburg University</i>	Radar Backscatter Sensitivity Over Sea Water to Environmental Parameters
34	68336	O. Shomina, <i>IAP RAS</i>	Wind Flow Modulation due to Changes of Surface Roughness in Application to the Problem of Remote Wind Field Retrieval
35	68978	B. Scanlon, <i>NUI Galway</i>	Oceanic whitecaps: Actively breaking and maturing whitecaps
36	71036	N. O'Sullivan, <i>NUI Galway</i>	Flow Distortion Error With Wind/Wave Interactions Using Computational Fluid Dynamics
37	71052	L. Palatella, <i>ISAC-CNR</i>	LAGRANGIAN TRANSPORT MODELING
Session 6 - Aerosol			
38	68178	M. Smith, <i>NIWA</i>	Air-sea gradient fluxes of DMS during Surface Ocean Aerosol Production (SOAP) experiment

39	68193	G. De Leeuw, <i>FMI & UHEL</i>	Oceanflux Se- Spray Aerosol (OSSA)
40	68386	S. Gehlot, <i>Center for Earth System Research and Sustainability</i>	Sahara dust impact on solar radiation at Cape-Verde Islands – A synthesis of ground-based and satellite observations
41	68720	J. Piskozub, <i>Institute of Oceanology PAS</i>	Coarse aerosol fluxes in the Baltic Sea marine boundary layer
42	71820	C. O'Dowd, <i>NUI Galway</i>	Bursts of Primary Organic Matter in Sea Spray Aerosol
Session 7 - Atmosphere processes			
43	68363	D. Pöhler, <i>University of Heidelberg</i>	Reactive Halogen Species in the Marine Boundary Layer: A global picture observed from ship cruises and coastal measurements
44	68369	D. Pöhler, <i>University of Heidelberg</i>	Observations of Reactive Halogen Species in the Marine Boundary Layer during Ship Cruises in the Pacific and Atlantic
45	68400	E. Saltzman, <i>University of California</i>	Air/sea deposition of sulfur dioxide
46	69202	J. Piskozub, <i>Institute of Oceanology PAS</i>	Spectroscopic Measurements of the Surface Waters for Evaluating Surfactant sources in the Baltic Sea
47	70637	F. Wittrock, <i>University of Bremen</i>	Observations of Halogen Oxides in the Marine Boundary Layer
48	75140	S. Christodoulaki, <i>University of Crete</i>	East Mediterranean marine ecosystem response to the episodic atmospheric deposition nutrient fluxes
Session 8 - Physical and biogeochemical processes			
49	68236	C. Babu, <i>CUSAT</i>	Influence of Alongshore wind in the Bio-Productivity of Coastal Waters of Somalia and South Peninsular India
50	68262	M.H Islam, <i>Marine Fisheries Academy</i>	Relation of Water Quality and Coral Availability of Saint Martin's Island, Bangladesh
51	68290	V. Ramana, <i>National Remote Sensing Centre</i>	Net Primary Productivity in Coastal Waters off Hooghly Estuary, Bay of Bengal, India using OCM-2 Data
52	68376	S. Gremes-Cordero, <i>University of New Orleans</i>	Satellite-Derived Data and Lagrangian Coherent Structures as tools for Blooms Studies.
53	68408	M. Abdallah, <i>National Institute of Oceanography & Fisheries</i>	Environmental Risk Assessment by Heavy Metals in Surficial Sediments of three semi enclosed basins in the southeastern Mediterranean Sea, Egypt
54	68416	C.W. Browning, <i>LOCEAN</i>	Satellite-Detected Fluorescence: Decoupling Non-Photochemical Quenching from Iron Stress Signals in the South Atlantic and Southern Ocean
55	70956	A. Bracher, <i>Alfred-Wegener-Institute for Polar and Marine Research</i>	Link of phytoplankton to oceanic trace gas emissions- examples from the Atlantic and Pacific Ocean
56	71105	C. Santinelli, <i>CNR</i>	Atmospheric input of dissolved organic matter to the Mediterranean Sea

57	71829	M. R. Wahyono, <i>CIDES Indonesia</i>	Impact of Oil Spill on Chlorophyll - A Concentration Changes in the Triangle Aquatic Timor Gap (of Timor-Leste, Indonesia and Australia)
Miscellaneous			
58	64456	E. Bayramov, <i>Dresden University of Technology,</i>	Multi-temporal Assessment of Oil Spill Frequencies, Leak Sources and their Controlling Natural Factors and Validation of Achieved Results through the Stochastic Modeling of Oil Spills in the Caspian Sea using GIS and Remote Sensing
59	67710	I. Serykh, <i>P.P.Shirshov Institute of Oceanology RAS</i>	Climate of Eurasia is Formed in the Region of Northern Atlantic
60	67765	J. Brioude, <i>LACy</i>	Prospective Measurements at a New High Altitude Observatory in the Southern Indian Ocean
61	67899	F. Lenti, <i>Università dell'Insubria</i>	Conjugate Gradient Algorithm in Banach Spaces to Enhance the Spatial Resolution of Microwave Remote Sensing Data
62	67958	S. Constantin, <i>Advanced Studies and Research Center</i>	Earth Science Data Access and Processing Service for Black Sea (Espos)
63	68051	J.F Piollé, <i>IFREMER</i>	A Free Open Software Solution for the Analysis of Large Earth Observation Datasets
64	68338	M. Konik, <i>The University of Gdansk</i>	Object-Oriented Approach to the Oil Spills Detection in the Baltic Sea Area
65	68364	C. Lapucci, <i>CNR Ibimet</i>	A Spatial Data Infrastructure to support interpretation of interacting atmospheric and oceanographic features in the Ligurian and North Tyrrhenian Sea
66	68385	B. Pfeil, <i>University of Bergen</i>	ICOS Ocean Thematic Centre Data Management
67	69260	S. Landwehr, <i>NUI Galway</i>	Shipborne Direct Flux Measurements: Advanced Tilt and Motion Correction
68	78931	S. Parra Vargas, <i>Pontificia Universidad Católica de Valparaíso</i>	Source Apportionment for Contaminated of Marine Sediments Using Multivariate Statistical Methods
69	79683	O. Ediang, <i>Nigerian Meteorological Agency</i>	Understanding and Forecasting West Africa Ocean Dynamics: "Responding to the Environmental Stressors and Lessons Learned."