

10th Aquarius/SAC-D Science Meeting Agenda
17-19 November, 2015
Buenos Aires, Argentina

SAC-D

DAY 1 — NOVEMBER 17

START	END	LENGTH	SPEAKER	TITLE
08:30	09:30	01:00		REGISTRATION AND POSTER SET-UP
				Opening Chair: D. Levine
09:30	10:15	00:45	CONAE/NASA	SAC-D/Aquarius Legacy
10:15	10:25	00:10	Lagerloef & Torrusio	Meeting Objectives and Agenda
10:25	10:40	00:15	de Charon & Rabolli	A Lasting Legacy: AQUARIUS/SAC-D'S Education and Public Outreach Efforts
10:40	11:10	00:30		COFFEE BREAK
				Data & Applications I Chair.M. Rabolli
11:10	11:25	00:15	Torrusio	Mission Overview
11:25	11:45	00:20	Marraco et al.	NIRST Calibration/SST Algorithms
11:45	12:05	00:20	Mercado et al.	DCS/Monitoring of glaciers on the Antarctic Peninsula
12:05	12:15	00:10	Tauro et al.	An Algorithm for Sea Surface Wind Speed from SAC-D/Aquarius MWR
12:15	12:25	00:10	Masulli & Salgado	MWR Sea Ice Concentration
12:25	12:35	00:10	Heredia & Rabolli	Water Vapor, Rain Rate and Rain Flag Algorithms for MWR
12:35	12:45	00:10	Heredia et al.	Global Atmospheric Products (L3) for MWR
12:45	14:15	01:30		LUNCH BREAK
				Data & Applications II M. Rabolli
14:15	14:35	00:20	Epeloa & Meza	Columnar Water Vapor Estimation Over Land Using MWR Data
14:35	14:55	00:20	Jones et al.	Aquarius SSS Retrievals Using a Roughness Correction From MWR
14:55	15:05	00:10	Colazo	CARMEN 1 Data Availability
15:05	15:25	00:20	Dasso & Lanabere	Radiation Belts During Geomagnetic Storms Observed by CARMEN/SAC-D
15:25	15:55	00:30		COFFEE BREAK
				Argentine Projects Chair. S. Torrusio
15:55	16:05	00:10	Piola	South Atlantic Circulation and Salinity: an Integrated Observational and Modeling Investigation
16:05	16:15	00:10	Grings	La Plata Basin Floods and Droughts: Contribution of Microwave Remote Sensing Monitoring and Radiation
16:15	16:25	00:10	Gonizadski & Quirno	Assimilation of Soil Moisture Estimates Into Flow-Forecasting Hydrologic Models
16:25	16:35	00:10	Rivas	Validation of Data From the SAC-D/Aquarius Mission: Application to the Knowledge of Vegetation Water Stress
16:35	16:45	00:10	Serafini	Contribution From the SAC-D/Aquarius Observatory for a Better Understanding of Environmental Variables
16:45	16:55	00:10	Cassini & Gomez	Effect of Climate Change on Aquatic Mammals from the South Western Atlantic Ocean.
16:55	17:05	00:10	Lorenzo et al.	Studying SIC in the Weddell and Bellinghausen Seas With SAC-D MWR
17:05	17:15	00:10	Salgado	Sea Ice Extension and Concentration Detection with MWR SAC-D data
17:15	17:25	00:10	Narvarte et al.	Use of SAC-D for Supporting Research in Fisheries and Ecosystems Management in San Matias Gulf
17:25	17:35	00:10	Pujol et al.	Volcanic Ash
17:35	17:45	00:10	Cottier et al.	Night-Time Marine Pollution over Large Coastal Cities Analysis with DMSP-OLS Satellite Images
17:45				POSTERS

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AQUARIUS

DAY 2 — NOVEMBER 18

START	END	LENGTH	SPEAKER	TITLE
Aquarius I Chair: T. Lee				
09:00	09:05	00:05	Lee	ANNOUNCEMENTS
09:05	09:25	00:20	Lagerloef	Aquarius Mission Status, Overview and Phase-F Data Reprocessing
09:25	09:45	00:20	Tsontos & Vazquez	Tools, Services and Support of NASA Salinity Data at the PO.DAAC
09:45	10:05	00:20	Meissner	Estimate Of Uncertainties In The Aquarius Salinity Retrievals
10:05	10:25	00:20	Misra	Results From An Aquarius Instrument-Only Calibration Implementation
10:25	10:55	00:30	COFFE BREAK – POSTERS	
Aquarius II Chair: G. Lagerloef				
10:55	11:15	00:20	Fore	Aquarius Scatterometer Calibration
11:15	11:35	00:20	Schanze	A First Evaluation Of Aquarius Sea Surface Density
11:35	11:55	00:20	Brown	Impact Of Boundary Layer Stability On Rough Surface Emmissivity
11:55	12:15	00:20	Yueh	Aquarius Pioneering The L-Band Passive And Active Microwave Remote Sensing Of Sea Surface Salinity And Wind
12:15	12:35	00:20	Bruscantini	Soil Moisture Retrieval Using Aquarius/SAC-D Radiometer/Scatterometer Observations
12:35	14:05	01:30	LUNCH BREAK	
Aquarius III Chair: F. Bingham				
14:05	14:25	00:20	Meissner	Ocean Surface Salinity From SMAP
14:25	14:45	00:20	Liu	Indian monsoon in the oceanic and terrestrial water balances
14:45	15:05	00:20	Yu	What, How, And Where Can Ocean Salinity Be An Indicator Of The Ocean Water Cycle?
15:05	15:25	00:20	Lagerloef	Analyses Of Seasonal To Interannual Variations And Trends In The Aquarius Data Record
15:25	15:55	00:30	COFFE BREAK – POSTERS	
Aquarius IV Chair: J. Schanze				
15:55	16:15	00:20	Song	Combining Aquarius And ESSL Model Explains The Dynamic Process Of Ocean Surface Salinity Stratification
16:15	16:35	00:20	Kao	Salinity Variations On Synoptic Timescales Under The Pacific ITCZ
16:35	16:55	00:20	Lee	Intraseasonal Sea Surface Salinity Variations In The Northeastern Tropical Pacific Fresh Pool
16:55	17:15	00:20	Fournier	Monitoring And Understanding Seasonal And Interannual Variations Of Sea Surface Salinity Associated With The Mississippi River Plume
17:15	19:15	02:00	POSTERS	

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AQUARIUS AND THE SOUTH ATLANTIC

DAY 3 – NOVEMBER 19

START	END	LENGTH	SPEAKER	TITLE
Shelf Circulation Chair A. Piola				
09:00	09:20	00:20	Guerrero et al.	Shelf-Open Ocean Exchanges in the Southwestern Atlantic Ocean: Satellite Salinity Observations
09:20	09:40	00:20	Matano et al.	Shelf-Open Ocean Exchanges in the Southwestern Atlantic Ocean: Numerical Simulations
09:40	10:00	00:20	Strub et al.	Seasonal Circulation on the Southwest Atlantic Shelf: 27°S 43°S
10:00	10:20	00:20	Valla and Piola	Evidence of Upwelling at the Northern Patagonian Shelf Break
10:20	10:40	00:20	Dogliotti	Bio-Optical Studies in the Argentinean Sea
10:40	11:10	00:30	COFFEE BREAK	
Deep-Ocean Circulation I Chair R. Guerrero				
11:10	11:30	00:20	Garzoli	South Atlantic Meridional Overturning Circulation (SAMOC)
11:30	11:50	00:20	Chidichimo et al.	Intraseasonal to Interannual Variability of the Brazil Current Transport Measured at 34.5°S
11:50	12:10	00:20	Piola	The Brazil/Malvinas Confluence
12:10	12:30	00:20	Donohue	Surface Height Variability in Drake Passage
12:30	14:00	01:30	LUNCH BREAK	
Deep Ocean Circulation II S. Garzoli				
14:00	14:20	00:20	Kolodziejczyk	Low-Frequency Thermohaline Variability in the Subtropical South Atlantic Pycnocline During 2002-2013
14:20	14:40	00:20	Camara et al.	On the Seasonal Variations of Salinity of the Tropical Atlantic
14:40	15:00	00:20	Campos et al.	Inter-Annual to Decadal Variability of the South Atlantic Simulations With an Eddy-Resolving Global Model
15:00	15:20	00:20	Palma & Matano	South Atlantic Low-Frequency Variability From Soda
15:20	15:40	00:20	Giulivi & Gordon	The South Atlantic Subtropical Gyre Position the Larger Scale Ocean and Climate System
15:40	16:00	00:20	Matano et al.	On the Pathways of the MOC in the South Atlantic

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PRESENTER	TITLE	SESSION
Lorfevre et al.	RESULTS OF THE CARMEN-1 SPECTROMETER ABOARD SAC-D	SAC-D
Lorfevre et al.	RADIATION EFFECTS ON ELECTRONIC COMPONENTS ABOARD CARMEN-1/SAC-D MISSION	SAC-D
Tauro et al.	MWR SEA SURFACE WIND SPEED RETRIEVAL: ALGORITHM DESCRIPTION AND VALIDATION RESULTS	SAC-D
Jones et al.	CONAE MICROWAVE RADIOMETER COUNTS TO TB ALGORITHM V7.0 AND ON ORBIT VALIDATION	SAC-D
Lanabere et al.	SAC-D OBSERVATIOND OF AN EXTREM EVENT IN THE VAN ALLEN BELT	SAC-D
Narvarte et al.	USE OF SAC-D OBSERVATORY FOR SUPPORTING RESEARCH IN FISHERIES AND ECOSYSTEM MANAGEMENT IN SAN MATÓAS GULF (PATAGONIA ARGENTINA)	SAC-D
Tang et al.	DETECTING THE INFLUENCE OF OCEAN PROCESS ON THE MOISTURE SUPPLY FOR INDIAN SUMMER MONSOON FROM AQUARIUS SEA SURFACE SALINITY	AQUARIUS
Bingham & Lee	SPACE AND TIME SCALES OF SEA SURFACE SALINITY AND FRESHWATER FORCING VARIABILITY IN THE GLOBAL OCEAN	AQUARIUS
Giulivi & Gordon	THE SOUTH ATLANTIC SUBTROPICAL GYRE POSITION THE LARGER SCALE OCEAN AND CLIMATE SYSTEM	SOUTH ATLANTIC
Strub et al.	COASTAL CIRCULATION IN THE SOUTHERN BENGUELA CURRENT	SOUTH ATLANTIC
Perez et al.	MODES OF VARIABILITY IN THE SOUTH ATLANTIC SUBTROPICAL GYRE AND THEIR IMPACT ON THE ATLANTIC MERIDIONAL OVERTURNING CIRCULATION	SOUTH ATLANTIC
Chao and Farrara	SEA SURFACE SALINITY VARIABILITY IN RESPONSE TO THE CONGO RIVER DISCHARGE	SOUTH ATLANTIC