7th CAW - Final Programme (ver. Post Workshop)

		Day 1, Monday 7 October 2013			
08:00	08:30	**Registration**			
		Opening Session		**Chair:**	**Paolo Cipollini (NOC, United Kingdom)**
08:30	08:40	Welcome & Introduction	Paolo Cipollini		NOC, United Kingdom
08:40	09:10	Keynote Talk: Improving the Spatial Resolution of Wet-Path Delay Corrections for Coastal Altimetry and Inland Water Using High-Frequency Microwave and Millimeter-Wave Radiometers	Steven Reising		Colorado State University, USA
		Session 1 : Ka-band		**Chairs:**	**Stefano Vignudelli (Consiglio Nazionale delle Ricerche, Italy), Doug Vandemark (University of New Hampshire, USA)**
09:10	09:30	AltiKa the New Altimetric Mission : Overview of the Data Quality in the Coastal Area	Nicolas Picot		CNES, France
09:30	09:50	Coastal Altimetry with the Ka Band	Fernando Niño		LEGOS, France
09:50	10:10	Early Look at SARAL/AltiKa Data in Coastal Areas	Remko Scharroo		EUMETSAT, Germany
10:10	10:20	*Discussion*			
10:20	10:50	Coffee Break			
		Session 2 : Applications of Coastal Altimetry		**Chairs:**	**John Wilkin (Rutgers Univ., USA), Ted Strub (Oregon State University, USA)**
10:50	11:10	Comparison and Validation of Multi-Mission Coastal Altimetry Around Venice	Stefano Vignudelli		Consiglio Nazionale delle Ricerche, Italy
11:10	11:30	Ocean Currents Near Heron Island, Great Barrier Reef, as Observed Using Altimetry, In-Situ Current Meters and HF Radar.	Madeleine Cahill		CSIRO, Australia
11:30	11:50	Spatiotemporal Variability in Ocean Circulation Observed by Altimeters on the Northwest Atlantic Shelf and the Gulf of Maine	Hui Feng		Univ. of New Hampshire, USA
11:50	12:10	Evaluation of Altimetry-Derived Surface Current Products Using Lagrangian Drifter Trajectories in the Eastern Gulf of Mexico	Yonggang Liu		Univ. of South Florida, USA
12:10	12:30	Hurricane Sandy's Storm Surge - A Case Study Using HY-2A Altimetry	John Lillibridge (given by R. Sc		NOAA Lab. for Satellite Altimetry, USA
12:30	12:50	*Discussion*			
12:50	14:20	Lunch			
		Session 3: Corrections		**Chairs:**	**Lifeng Bao (Chinese Acad. Sciences, China), Frank Shillington (Univ. of Cape Town, South Africa)**
14:20	14:40	Regional Tidal Modelling from 2D to 3D	Mathilde Cancet		NOVELTIS, France
14:40	15:00	Atmospheric Corrections for Altimetry Studies Over Inland Water	Joana Fernandes		Univ. of Porto, Portugal
15:00	15:10	*Discussion*			
		Session 4: Retracking		**Chairs:**	**Remko Scharroo (EUMETSAT, Germany), Nicolas Picot (CNES, France)**
15:10	15:30	ALES, the Multi-Mission Adaptive Leading Edge Sub-Waveform Retracker, Design and Validation.	Marcello Passaro		Univ. of Southampton/NOC, UK
15:30	15:50	LRM (Ku, Ka) and Delay/Doppler Waveform Processing in Coastal Zones	Pierre Thibaut		CLS, France
15:50	16:20	Coffee Break			
		Session 4: Retracking (continued)		**Chairs:**	**Remko Scharroo (EUMETSAT, Germany), Nicolas Picot (CNES, France)**
16:20	16:40	Retracking Saral/AltiKa Data Near the Coasts	Denis Blumstein		CNES/LEGOS, France
16:40	17:00	Retracking SARAL/AltiKa Waveforms Over the Gulf of Mexico Coastal Ocean	Hyongki Lee		Univ. of Houston, USA
17:00	17:20	Poster Teasers - Authors Introduce their Posters			
17:20	17:40	*Discussion*			
17:40	20:00	**Poster Session + Cocktail**			
		Day 2, Tuesday 08 October 2013			
		Session 5: SAR/SARIn Altimetry (joint with OSTST)		**Chairs:**	**François Boy (CNES, France), Walter Smith (NOAA, USA)**
08:30	08:35	Introduction	Session Chairs		
08:35	08:55	A Generalized Semi-Analytical Model for Delay/Doppler Altimetry and its Estimation Algorithms	Abderrahim Halimi (given by P		University of Toulouse, France
08:55	09:15	CryoSat-2 SAR Mode Over Ocean: One Year of Data Quality Assessment	François Boy		CNES, France
09:15	09:35	Validation of Open-Sea CRYOSAT-2 Data in SAR Mode in the German Bight Area	Salvatore Dinardo		Serco/ESRIN, Italy
09:35	09:55	Jason-CS Poseidon-4 Ground Prototype Processor (GPP): Processor Results Using Simulated Raw Data and in Orbit CryoSat-2 Data	Monica Roca (given by R. Cull		isardSAT, Spain
09:55	10:15	Waveform Aliasing in Satellite Radar Altimetry	Walter H.F. Smith		NOAA, USA
10:15	10:30	*Discussion*			
10:30	10:50	Coffee break			
		Session 5: SAR/SARIn Altimetry (joint with OSTST) - continued		**Chairs:**	**Philip Callahan (Jet Propulsion Laboratory, USA), Robert Cullen (ESA, Netherlands)**
10:50	11:10	Observing Coastal Dynamics with SAR Altimetry	Sylvie Labroue (given by C. Du		CLS, France
11:10	11:30	Validation of Coastal CRYOSAT-2 Data in SAR Mode in the German Bight Area	Luciana Fenoglio-Marc		Technical Univ. Darmstadt, Germany
11:30	11:50	Coastal SAR Altimetry at 80 Hz	Salvatore Dinardo		Serco/ESRIN, Italy
11:50	12:10	Can We Really Achieve 300-Meter Resolution from A SAR Altimeter? - *talk withdrawn*	Walter H F Smith		NOAA, USA
12:10	12:30	Cryosat-2 SAR-In Altimetry for Coastal Sea Level Recovery - Results from the Fjords of Eastern Greenland.	Ole Baltazar Andersen		DTU Space, Denmark
12:30	12:40	*Discussion*			
12:40	14:00	Lunch			
		Session 6: New Data and CAL/VAL		**Chairs:**	**Laury Miller (NOAA, USA), Stelios Mertikas (Technical University of Crete, Greece)**
14:00	14:20	Regional Products and Studies Based on CTOH Altimeter Data	Florence Birol		CTOH/LEGOS, France
14:20	14:40	Innovative Approaches for Altimetry Mapping in the Coastal Band: Applications to the NW Mediterranean Sea	Ananda Pascual (given by C. Troupin)		IMEDEA (CSIC/UIB), Spain
14:40	15:00	Corsica: A Cal/Val Experiment to Link Offshore and Coastal Altimetry	Pascal Bonnefond		OCA-GEOAZUR, France
15:00	15:20	Annual Cycle in Coastal Sea Level from Gridded Satellite Altimetry and Tide Gauges	Martín Saraceno		CIMA/CONICET-UBA, Argentina
15:20	15:30	*Discussion*			
		Session 7: Future Missions		**Chair:**	**Kaoru Ichikawa (Kyushu Univ. (Japan)**
15:30	15:50	Current Status of the Japanese Altimetry Mission, COMPIRA	Norimasa Ito		JAXA, Japan
15:50	16:20	Coffee Break			
16:20	18:30	**Summary from Session Chairs, Discussion, Recommendations, Roadmap and Conclusions**			

Poster Session + Cocktail - Scheduled on Monday 17:40 to 20:00

Applications of Coastal Altimetry Data

1	Inter-Comparisons of CryoSat-2, HY-2 and Jason-1/2 Satellite Altimetry Data in the Bohai and Yellow Seas	Yongcun Cheng	DTU Space, Denmark
2	Comparison and Validation of Multi-Mission Coastal Altimetry Around Venice	Paolo Cipollini	National Oceanography Centre, UK
3	Using CTOH Tidal Constants for Coastal Studies	Caroline Delebecque	CTOH/LEGOS, France
4	Observing High Resolution Dynamics with Conventional Altimeters	Claire Dufau	CLS, France
5	Predicting High Frequency Sea Level During Tropical Cyclones by Integrating Satellite Altimetry and Tide Gauge	Zahra Gharineiat	University of Newcastle, Australia
6	Activities for Coastal Forecast Using COMPIRA	Osamu Isoguchi	Remote Sensing Technology Center, Japan
7	Coastal-Trapped Wave Forcing of the Loop Current in the Gulf of Mexico	Robert Leben	Univ. of Colorado at Boulder, USA
8	Validation and Use of Coastal Envisat and Jason Satellite Altimetry Products for Storm Surges?	Kristine Madsen	Danish Meteorological Institute, Denmark
9	Analysis of Sea Level Trends with Altimetry Around the Coastal Zone of Gavdos Permanent Cal/Val Facility	Stelios Mertikas	Technical University of Crete, Greece
10	Relationship Between Position of the Kuroshio Path and Sea Level Anomaly in the Seto Inland Sea in Japan	Koji Ogawa	Meteorological Research Institute, Japan
11	Coastal Altimetry Derived Velocities for the Agulhas Current	Konstantina Rizopoulou	Univ. of Southampton/NOC, UK
12	DAHITI: A New Database of Water Level Time Series for Lakes, Rivers, and Wetlands from Multi-Mission Satellite Altimetry	Christian Schwatke	DGFI, Germany
13	Interannual Variability of Seasonal Cycles of Coastal Altimeter Fields	Ted Strub	Oregon State University, USA
14	Interpolation of SLA Using the Data-Interpolating Variational Analysis in the Coastal Area of the NW Mediterranean Sea	Charles Troupin	Mediterranean Institute for Advanced Studies, IMEDEA (CSIC-UIB), Spain

Technical Issues in Coastal Altimetry

15	Coherent Processing of Envisat Individual Echoes in Narrow Rivers	Ron Abileah	jOmegak, USA
16	Cryosat-2 SAR Altimetry for Recovering Sea Surface Height Around and Within Denmark – First Results from the LOTUS Project.	Ole Baltazar Andersen	DTU Space, Denmark
17	Evaluation of Various Wet Tropospheric Corrections in the Indonesia Region	Eko Yuli Handoko	Univ. Porto, Fac. Ciencias
18	Retracking and Validation of Pulse-Limited and SAR Altimeter in Coastal Zone	Luciana Fenoglio-Marc	Technical Univ. Darmstadt, Germany
19	GPD Wet Tropospheric Correction for the ESA and NASA/CNES Altimetric Missions	Joana Fernandes	Univ. Porto, Fac. Ciencias & CIMAR-LA, CIIMAR-UP, Portugal
20	Envisat RA-2 Still Alive: Validation of COASTALT High Spatial Resolution Products in the Strait of Gibraltar	Jesus Gómez-Enri (presented by S.Vignudelli)	University of Cadiz, Spain
21	Comparison of Altimetric Datasets in the Southern Califonia Bight	Jessica Hausman	JPL, USA
22	The Importance of Retracking and Detiding In Coastal Regions	Nurul Idris (presented by Zahra Gharineiat)	University of Newcastle, Australia
23	Validation of Waveform Retrackers: Assessment of Altimeter-Derived Geostrophic Velocity Using High Frequency Radar Observations	Nurul Idris (presented by Zahra Gharineiat)	University of Newcastle, Australia
24	Improving the Accuracy of Sea Surface Heights Near Coasts Through an Iterative Coastal Waveform Retracking System	Nurul Idris (presented by Zahra Gharineiat)	University of Newcastle, Australia
25	AltiKa Microwave Radiometer Performances on Coastal Areas	Bruno Picard	CLS, France
26	Understanding Altimetry Retrievals for US Coastal Currents Using HF Radar and Imagery	Carolyn Roesler	University of Colorado at Boulder, USA
27	Satellite altimetry in the coastal zone: past, present and future	The International Coastal Altimetry Community	