Near Real-Time Product Validation and Applications [Including (but not limited to) operational oceanography and wind/wave applications]

Chairs: H. Bonekamp, J. Lillibridge, G. Jacobs

This session will cover topics related to the production, validation, and applications of the Jason-2 OGDR and Jason-1 OSDR products. The status of the products and their calibration and validation will be presented. The NRT products differ in accuracy from the offline IGDR and GDR data sets. This session will assess the sources of these differences, e.g. in terms of orbit determination and applied sea surface height corrections. Operational applications of the data for monitoring and model assimilation will also be highlighted.

Participants are invited to present and discuss opportunities for improvements of the NRT products, for example an enhanced use of the GPS system for improved NRT orbits. In terms of applications, the session will cover exploitations of the SWH and wind information in wave models and marine meteorology, the use of OGDR's in multi-mission (NRT) SSH products, and assimilation of the NRT products in global ocean and coastal models.

8:30	Jason-2 OGDR accuracy and precision validati on for ocean forecasti ng	**Oral**	Gregg Jacobs (Naval Research Laboratory) John Lillibridge (Nati onal Oceanographic and Atmospheric Administrati on) Vincent Tabor (Nati onal Oceanographic and Atmospheric Administrati on) Doug May (Naval Oceanographic Offi ce) Lamar Russell (Naval Oceanographic Offi ce)
8:45	Good, bett er, best: A comparison of Jason-2 O/I/GDR products	**Oral**	John Lillibridge and Eric Leuliett e NOAA / Laboratory for Satellite Alti metry, Silver Spring, MD, USA
9:00	Quality of the DORIS/DIODE orbits for Jason-2, Jason-1, Envisat ...	**Oral**	Jean-Pierre CHAUVEAU (COFRAMI-AKKA) Marion CHAILLOU (COFRAMI-AKKA)
9:15	An introducti on to the GPS-OGDR-SSH product for OSTM/Jason-2	**Oral**	Willy Berti ger, Bruce, J. Haines, Nate Harvey, Christopher Lane, Jan P. Weiss
9:30	Jason-2 ogdr wind and wave products: monitoring, validati on and assimilati on	**Oral**	Peter A.E.M. Janssen (ECMWF) Jean-Raymond Bidlot (ECMWF)
9:45	NRT SWH applicati ons at NCEP	**Oral**	Arun Chawla, NCEP/EMC Joseph Sienkiewicz, NCEP/OPC Hendrik Tolman, NCEP/EMC
10:00	Using short scale content of OGDR data to improve DUACS' near real ti me products	**Oral**	M-I;Pujol[1], A.Pascual[2], E. Bronner[3] 1 : CLS, Space Oceanography Division, Toulouse, France 2 : Insti tut Mediterrani d'Estudis Avancats/Universidad de las Islas Baleares, 3 : CNES, Toulouse, France
10:15	Assessment of near real-ti me OSCAR surface currents	**Oral**	John T. Gunn, Earth and Space Research, Seatt le WA Gary S.E. Lagerloef, Earth and Space Research, Seatt le WA Gary T. Mitchum, Department of Marine Science, University of South Florida
	Web-based alti meter service	**Poster**	Philip S. Callahan, Brian Wilson, Zhangfan Xing, Rob Raskin, Kenneth Oslund Jet Propulsion Laboratory, California Insti tute of Technology
	Improving operati onal wave modeling from alti metry	**Poster**	Jean-Michel Lefevre, Meteo-France Lotf i Aouf, Meteo-France Pierre Queff eulou, Ifremer Abderrahim Bentamy, Ifremer Yves Quilfen, Ifremer
	NOAA's Jason-2/OSTM products	**Poster**	David R. Donahue, NOAA/NESDIS/OSDPD, 5200 Auth Road, Camp Springs John L. Lillibridge, NOAA/NESDIS/STAR, 1335 East West Hwy, Silver Spring, Jeremy Throwe, NOAA/NESDIS/OSD, 4231 Suitland Road, Suitland Yongsheng Zhang, NOAA/NESDIS/NODC, 1315 East West Hwy Kenneth S. Casey, NOAA/NESDIS/NODC, 1315 East West Hwy