

Presentations and Events for the 10th International Radiowave Oceanography Workshop (ROW-10; V17/09/2010)

Venue: Timberline Lodge, Mt Hood, Oregon, USA

Date/ Session	Time	Speaker/Event	Speaker Affiliation	Title/Description
Sunday, 26 September 2010				
	All Day	Participants Arrive		No formal programs or events this day
Monday, 27 September 2010				
	8:30	Registration begins		
	9:00	Jeff Paduan	Naval Postgraduate School	Welcome to ROW-10; Description of events and logistics
1	9:10	Jeff Paduan	Naval Postgraduate School	Looking Back-10 Years of ROW
<i>Session 1: Instrumentation and Program Reviews</i>				
2	9:30	Thomas Helzel	HELZEL Messtechnik GmbH	A success Story, 10 years WERA
3	9:55	Bruce Nyden	Codar Ocean Sensors	Features and Frills of CODAR's Release 6 Software and a few Nifty New Hardware Products
	10:20	<i>Coffee Break</i>		
4	10:45	Mal Heron	James Cook University	ACORN and the IMOS Archive
5	11:10	Chad Whelan-WITH-DRAWN (to be presented by B Nyden)	Codar Ocean Sensors	Tales from the Norwegian Coast: The Rapid Deployment SeaSonde Makes Its Debut!
6	11:35	Richard Dewey	University of Victoria	VENUS: Building An Ocean Observing System, from the Bottom Up
	12:00	<i>Lunch and Offline Activities</i>		
7	14:30	Oujin Jeong	Korea Hydrographic and Oceanographic Admin	The State of HF-Radar in Korea
8	14:55	Dan Atwater	James Cook University	HF Radar Two-Station Baseline Bisector Comparisons of Radial Components
9	15:20	Philip Muscarella	University of Delaware	Quantifying Uncertainties in Radial to Totals Calculations at the Delaware Bay Mouth
	15:45	<i>Coffee Break</i>		
<i>Session 2: Extraction of Eddies and Features</i>				

10	16:10	Nick Shay	RSMAS, University of Miami	Identifying eddies in the Florida Straits with HF radar and the Okubo-Weiss Parameter
11	16:35	Dana Savidge	Skidaway Institute of Oceanography	Uses of Computational Intelligence Techniques in HF-radar Quality Control and Data Analysis
12	17:00	Harris Enniss	Skidaway Institute of Oceanography	Analysis of Eddies in HF-radar data using Matlab's Artificial Neural Networks Toolbox
13	17:25	Chris Halle	BML, University of California Davis	Preliminary Investigations of Surface Divergence and Vorticity Estimated Using HF-Radar off Northern California
	17:50	<i>Adjourn Sessions</i>		
	19:00	<i>Group Reception & Dinner</i>		

Tuesday, 28 September 2010

<i>Session 3: Results from Pilot Networks</i>				
14	9:00	Toby Garfield	San Francisco State University	Products for spill mitigation from California's Coastal Ocean Currents Monitoring Program (COCMP)
15	9:25	Libe Washburn	University of California Santa Barbara	Oceanographic applications and developments in hardware and software using an array of high frequency radars in the Southern California Coastal Ocean Observing System
16	9:50	Teresa Garner	Old Dominion University	A study of surface currents in the lower Chesapeake Bay using HFRADAR
	10:15	<i>Coffee Break</i>		
17	10:45	Sung Yong Kim	Scripps Institution of Oceanography	Observations of high-resolution coastal surface circulation on the U. S. West Coast
18	11:10	Brian Zelenke	Cal Polytechnic State University	Evaluating the Connectivity Potential Between Marine Protected Areas Using CODAR High-Frequency Radar
19	11:35	George Voulgaris	University of South Carolina	VHF WERA Radar Application for Nearshore Processes at Cape Hatteras, NC, USA
	12:00	<i>Lunch and Offline Activities</i>		
<i>Session 4: Spectral Applications</i>				
20	15:00	Dan Atwater	James Cook University	Temporal error analysis for compact cross-loop direction-finding HF radar
21	15:25	May Wang	Sheffield University	Improving HF radar wave measurement availability and accuracy using a general clutter cancellation method

22	15:50	Eric Gill	Memorial University Newfoundland	Ocean Cross Section Characteristics for FMCW Waveforms
	16:15	<i>Coffee Break</i>		
23	16:40	Lucy Wyatt	Sheffield University	Short wave direction and spreading measurements
24	17:05	Kip Laws	University of California Santa Cruz	A Kalman filter approach to HF radar ship tracking
25	17:30	Jeff Paduan	Naval Postgraduate School	Estimation and assessment of errors related to antenna pattern distortion in CODAR SeaSonde high-frequency radar ocean current measurements
26	17:55	John Largier	BML, Univeristy of California Davis	TBD
	18:20	<i>Adjourn Sessions</i>		
<i>Wednesday, 29 September 2010</i>				
	9:00	<i>Plenary Session</i>		
	11:00	<i>Adjourn Conference</i>		