



## CARTHE II Kickoff Meeting

March 18 and 19, 2015

UM Student Center Complex, 1330 Miller Drive, Coral Gables, Florida

### AGENDA

#### Wednesday, March 18, 2015

07:00 – 08:00	<b>Registration and Buffet Breakfast</b>	Pre-Function Area
08:00 – 08:25	<b>Plenary Session</b> Introductions	Grand Ballroom (Center)
08:25 – 08:35	Chuck Wilson Chief Scientific Officer, GoMRI	
08:35 – 08:40	Fundamentals of CARTHE Tamay Özgökmen <i>University of Miami, RSMAS</i>	
08:40 – 08:50	<i>Observational and Experimental Programs</i> Brian Haus <i>University of Miami, RSMAS</i>	
08:50 – 09:10	<i>LASER</i> Eric D'Asaro <i>University of Washington</i> <ul style="list-style-type: none"> <li>– <i>Scientific questions driving LASER</i></li> <li>– <i>Objectives</i></li> <li>– <i>Summary of the observational program</i></li> <li>– <i>Needs from modeling/theory/laboratory during 2015</i></li> </ul>	
09:10 – 09:30	Drifter Development for LASER Cedric Guigand and Guillaume Novelli <i>University of Miami, RSMAS</i>	

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09:30 – 09:45	Aerial Sampling Plans for LASER Dan Carlson, <i>CNR-ISMAR</i> Jeroen Molemaker, <i>UCLA</i>	Grand Ballroom (Center)
09:45 – 10:00	Plans for Laboratory Experiments and Three-Phase Modeling Alex Soloviev <i>Nova Southeastern University</i>	
10:00 – 10:20	<b>Coffee Break</b>	Pre-Function Area
10:20 – 10:40	Ocean Modeling Overview Gregg Jacobs <i>Naval Research Lab – Stennis Space Center</i> <ul style="list-style-type: none"><li>• Define interconnections within the modeling group</li><li>• How can this group contribute to LASER planning and execution?</li><li>• What does this group need from others?</li><li>• Questions/topics leading for studies/publications pre and post-LASER</li></ul>	Grand Ballroom (Center)
10:40 – 11:00	Review of the Upper Ocean Process Baylor Fox Kemper <i>Brown University</i>	
11:00 – 11:20	Coupled Modeling Overview Shuyi Chen <i>University of Miami, RSMAS</i>	
11:20 – 11:40	Plans for the Plume Group Bill Dewar <i>Florida State University</i>	
11:40 – 12:00	Plans for Uncertainty Quantification Mohamed Iskandarani <i>University of Miami, RSMAS</i>	
12:00 – 12:20	Real-time Data Access for Virtual and Actual Experiments Ed Ryan <i>University of Miami, RSMAS</i>	



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### Wednesday, March 18, 2015

12:30 – 13:30	<b>Working Lunch</b>	Pre-Function Area
13:30 – 15:00	<b>Breakout Group Discussions</b> (with optional talks) <ul style="list-style-type: none"> <li>• <b>Observational and Experimental Group</b> (West Ballroom )</li>   <li>• <b>Modeling Group</b> (Center Ballroom) Suggested Talks                         <ul style="list-style-type: none"> <li>– Vertical Structure in the Upper Ocean Ramsey Harcourt, <i>University of Washington</i></li> <li>– Submesoscale Dynamics Annalisa Bracco, <i>Georgia Institute of Technology</i></li> <li>– Coherent Structures Javier Beron-Vera, <i>University of Miami – RSMAS</i></li> </ul> </li>   <li>• <b>Plume Modeling</b> (East Ballroom) Suggested Talks                         <ul style="list-style-type: none"> <li>– State of CARTHE- I Plume Modeling Alex Fabregat, <i>City University of New York</i></li> <li>– University of Cambridge Plans John Taylor and Julien Landel, <i>Cambridge University</i></li> <li>– <i>CFD Capabilities</i> Paul Fischer, <i>University of Illinois</i> Chris Hill, <i>Massachusetts Institute of Technology</i></li> </ul> </li> </ul>	Grand Ballrooms (East, Center, West)
15:00 – 15:30	<b>Coffee Break</b>	Pre-Function Area
15:30 – 15:50	Finances and State of Subcontracts Jennifer Hauser, <i>GoMRI</i> Fernande Saintillis, <i>University of Miami - RSMAS</i>	Grand Ballroom (Center)
15:50 – 16:15	Data Management Requirements and Data Dissemination Plan Lauren Showalter, <i>GoMRI</i> Helga Huntley, <i>University of Delaware</i>	
16:30 – 18:30	Reception	UM Rathskellar Loft



## AGENDA

**Thursday, March 19, 2015**

07:30 – 08:30	<b>Breakfast</b>	Pre-Function Area
	<b>Plenary: What has come out of breakout discussions?</b>	Grand Ballroom (Center)
08:30 – 09:15	Modeling Group Gregg Jacobs	
09:15 – 10:00	LASER Eric D’Asaro	
10:00 – 10:30	<b>Coffee Break</b>	Pre-Function Area
	<b>Plenary (cont’d): What has come out of breakout sessions?</b>	Grand Ballroom (Center)
10:30 – 11:00	Plume Group Bill Dewar	
11:00 – 11:30	Laboratory Experiment Group Alex Soloviev	
11:30 – 12:00	Uncertainty Quantification Group Mohamed Iskandarani	
12:00 – 12:30	Outreach and Education Laura Bracken, University of Miami – RSMAS Maggie Dannreuther, GoMRI	
12:30 – 13:30	<b>Lunch</b>	Pre-Function Area
13:30 – 15:00	<b>Group Breakout Sessions</b> Solidify Collaborations for planned studies/papers for Year 1	Grand Ballrooms (East, Center, West)
13:30 – 15:00	<b>Joint Steering and Advisory Committee Meeting</b> CARTHE II Collaboration with industry and government response agencies	Executive Conference Room
15:00 – 15:30	<b>Coffee Break</b>	Pre-Function Area
15:30 – 16:00	<b>General Discussion of Unresolved Issues</b> Tamay Özgökmen, <i>University of Miami – RSMAS</i>	Grand Ballroom (Center)

*End of general meeting*