

All-Hands Meeting

November 8-9, 2012 Mayfair Hotel, 3000 Florida Avenue, Coconut Grove, Florida

AGENDA

Room

Thursday	November	8	2012		

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7:30 – 8:30	Registration and Buffet	Breakfast	Palm Terrace
8:30 – 8:35	Plenary Session Welcome:	Tamay Özgökmen University of Miami, RSMAS	Crystal Ballroom
8:35 – 8:55	GoMRI Address: & Q&A	Chuck Wilson GoMRI, Chief Science Officer	
8:55 – 9:15	CARTHE Overview Speaker:	w & Accomplishments Tamay Özgökmen University of Miami, RSMAS	Crystal Ballroom
	Presentations Review and Resu Lead:	ilts from 2012 GLAD Experiment Brian Haus	Crystal Ballroom
9:15 – 9:30	i. Overview of Speaker:		
9:30 – 9:45	ii. GLAD Samp Speaker:	ling Strategy: Bruce Lipphardt <i>University of Delaware</i>	
9:45 – 10:10	iii. Dispersion F Speaker:	Results: Andrew Poje City University of New York	
10:10 - 10:20	iv. GLAD vs Coa Speaker:	astal HF Radar Comparison: Matt Gough (PhD student) University of Miami, RSMAS	
10:20 - 10:30	v. GLAD Turbu Speaker:	ılence Measurements: Darek Bogucki TAMU - CC	



Thursday, November 8, 2012

Room

10:30 - 11:00	Coffee Break	Refreshments provided	Crystal Foyer
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(Students please hang posters in the Crystal Ballroom during AM break)

Plenary Session Crystal Ballroom

Presentations

Ocean Modeling for GLAD

	Lead:	Gregg Jacobs		
11.00 - 11.10	i Overviev	w of the Virtual Experiments (V		

11.00	11.10	1.	OVCIVICW OF LITE	VIII LAPCITITICITES (VL)
			Speaker:	Denny Kirwan, Jr.
				University of Delaware

11:10 - 11:20	ii.	Real-time Data	Management	for VF &	GLAD

University of Miami, RSMAS

11:20 – 11:30 iii. Summary of NRL Modeling for GLAD

Speaker: Gregg Jacobs NRL-SSC

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Transport Analysis for GLAD

44 00	44 40		O I ' TI
11.40.	– 11:40		Geodesic Theory
TT.30	TT.40	I a	acoucsic illicoly

Speaker: Javier Beron-Vera

University of Miami, RSMAS

11:40 – 11:50 ii. Application of Geodesic Theory to GLAD

Speaker: Josefina Olascoaga

University of Miami, RSMAS

11:50 – 12:00 iii. Statistical Description of Dispersion during GLAD

Speaker: Angelique Haza

University of Miami, RSMAS

12:00 – 13:30 Lunch (provided) Palm Terrace

Grand Lagrangian Deployment Experiment (GLAD)

GLAD is the largest upper ocean dispersion experiment ever conducted with the deployment of more than 300 custom-made drifters near the Deepwater Horizon site and the Louisiana coast.





Thursday, November 8, 2012

Room

Atmospheric and Coupled Modeling for GLAD Lead: Shuyi Chen i. Observations and Coupled Model Forecasts from Calm Winds to Hurricane Isaac Speaker: Shuyi Chen University of Miami, RSMAS 13:45 – 13:55 ii. Weather Conditions and Forecasts Speaker: Falko Judt (PhD student) University of Miami, RSMAS 13:55 – 14:10 iii. Winds, Waves, and Currents in Hurricane Isaac Speaker: Milan Curcic (PhD student) University of Miami, RSMAS 14:10 – 14:20 iv. Hurricane Isaac Surge Forecasting Speaker: Clint Dawson University of Texas 14:20 – 14:30 v. A new perspective on surface layer bulk transfer parameterization in coastal regions Speaker: Ping Zhu Florida International University Uncertainty Analysis for GLAD Lead: Mohamed Iskandarani University of Miami, RSMAS 14:40 – 14:50 ii. Uncertainty Analysis for GGAD Speaker: Mohamed Iskandarani University of Miami, RSMAS 14:40 – 14:50 iii. Uncertainty Analysis for GMS Speaker: Ashwanth Srinivasan International Collaborations Overview of the TOSCA Summer Experiment Speaker: Annalisa Griffa University of Miami, RSMAS Data Management for GLAD and CARTHE Data Management for GLAD, GRIDC Expectations and Software and Hardware Needs Speaker: Bruce Lipphardt		Plenary Session	on ntations		Crystal Ballroom
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Speaker: Bruce Lipphardt	15:00 - 15:15	D	ata Managen	nent for GLAD, GRIDC Expectations	
		а	nd Software a	and Hardware Needs	
		S	peaker:	Bruce Lipphardt	
University of Delware				University of Delware	



Thursday, November 8, 2012

Room

Palm Terrace

15:15 - 16:15	Coffee Break and Student Research Poster Session	Crystal Foyer &
	Refreshments in Crystal foyer	Ballroom
	Student Poster session in Crystal Ballroom	

		ession in erystar bam eem	
	Plenary Session		Crystal Ballroom
	Progress in Proc	ess Modeling	•
	Lead:	Bill Dewar	
16:15 - 16:30	i. Progress in	Plume/Oil Modeling	
	Speaker:	Bill Dewar	
		Florida State University	
16:30 - 16:40	ii. Progress in	Plume Modeling	
	Speaker:	Guillaume Novelli	
		University of Miami, RSMAS	
16:40 - 16:50	iii. Oil Transpo	ort Modeling	
	Speaker:	Juan Restrepo	
		University of Arizona	
16:50 - 17:00	iv. Progress in	Surface Multi-Phase Modeling	
	Speaker:	Alex Soloviev	
		Nova Southeastern University	
17:00 - 17:10	v. Progress in	Langmuir Circulation Modeling	
	Speaker:	GeChang Zha	
		University of Miami, RSMAS	
17:10 - 18:00	Brainstorming D	Discussion Group Structures for Day 2	
	Lead:	Tamay Özgökmen	
		University of Miami, RSMAS	
18:00 – 18:15	Group Picture		ТВА



18:30 - 20:00

CARTHE Goal:

Reception sponsored by:

(refreshments provided)

To accurately predict the fate of hydrocarbons released into the environment, thereby guiding risk management and response efforts to minimize damage to human health, the economy and the environment.

THE SUPERCOMPUTER COMPANY



Friday, November 9, 2012

Room

8:00 - 9:00	Registration and Buffet Breakfast	Palm Terrace
	Plenary Session Presentations Plans for 2013 Experimental Work	Crystal Ballroom
0.00 0.15	Lead: Ad Reniers	
9:00 – 9:15	i. 2013 Coastal Disperson Experiment Speaker: Ad Reniers	
9:15 – 9:30	University of Miami, RSMAS ii. Modeling for 2013 Experiment	
9:15 - 9:30	Speaker: Bert Jagers Deltares	
9:30 - 9:40	iii. CARTHE Bottom Sampling Cruise	
	Speaker: Brad Rosenheim	
	Tulane University	
9:40 - 9:50	Deep-C Collaboration Opportunity: Hurricane Isaac	С
	Speaker: Nick Shay	
	University of Miami, RSMAS	
	CARTHE Outreach	
	Lead: Arthur Mariano	
9:50 – 10:05	i. Overview of 2012 Outreach Activities	
	Speakers: Arthur Mariano	
	Lisa Pitman	
10:05 - 10:20	University of Miami, RSMAS ii. 2013 Outreach and beyond	
10.05 10.20	Speaker: Julie Hollenbeck	
	University of Miami, RSMAS	
10:20 - 10:30	Breakout Group Objectives Speaker: Tamay Özgökmen	
10:30 - 11:00	Coffee Break Refreshments provided	Crystal Foyer
11:00 – 12:00	Breakout Groups Discussions	Crystal Ballroom Kentia II Boardroom II (subject to change)
12:00 - 13:30	Lunch (provided)	Palm Terrace



Friday, November 9, 2012 Room **Assigned Rooms** 13:30 - 14:15**Breakout Group Discussions** (continued) **Plenary** Crystal Ballroom **Breakout Group Summaries/Task Assignments** 14:15 - 15:30**Coffee Break** Crystal Foyer 15:30 - 16:00Refreshments provided 16:00 - 16:30**Summary and Concluding Remarks** Crystal Ballroom

Tamay Özgökmen

Speaker:

Consortium for Advanced Research on Transport of Hydrocarbon in the Environment

Rosenstiel School of Marine and Atmospheric Science, University of Miami

4600 Rickenbacker Causeway, Key Biscayne, Florida 33149

www.CARTHE.org / www.facebook.com/carthe.gomri

