AGENDA

Tuesday, October 26

8:00 am - Gather in Ballroom B at the Inn at Ole Miss
Speakers, please load and save your presentations onto the computer.

8:15 am – Welcome  Dr. Alice Clark, Vice Chancellor
Research and Sponsored Programs

8:30 am - Welcome  Dr. Alex Cheng, Dean
School of Engineering

8:40 am – Welcome and Opening Remarks  Greg Easson, Director
Mississippi Mineral Resources Institute

9:00 am – Remarks by Federal Agency Representatives:
Skip Pratt, NETL, Department of Energy
Roger Amato, BOEMRE, Department of Interior
Gene Smith, NOAA, Department of Commerce

Presentations by Hydrates Researchers (15 min. w/ 5 min for questions)

9:30 am – 9:50  Water Column Methane Profiles, Stable Isotopes and MC252
                J. Chanton, K. Sleeper, T. Short, and R. Bell

9:50 am – 10:10  Rotating Sonar Observations of Seep Bubble Plume Flux
                Temporal Variability from Submerged Permafrost and Hydrate
                Ira Leifer

10:10 am – 10:30  Gas Hydrate Stability: Dissolution vs. Dissociation
                 Jeff Chanton, Laura Lapham and Rachel Wilson

10:30 am – 10:50  Development of a Marine Lander Survey Vehicle (Lander) for
                 Gas Hydrate Research in the Gulf of Mexico
                 John Noakes and Scott Noakes

10:50 am -  COFFEE BREAK
11:10 am – 11:30

*Developments in Seismic Imaging of the Subsurface at MC-118 from 2-D, 3-D, and 4-D Data*

A. Simonetti, J. Knapp, L. Macelloni, C. Knapp and C. Lutken

11:30 am – 11:50

*Rock Physics Models for Marine Gas Hydrates*

Darrell Terry, Camelia Knapp, and James Knapp

11:50 am – 12:10

*Remote Sensing using Noise*

Peter Gerstoft

12:10 am – 1:20 pm

**LUNCH**

1:20 pm – 1:40

*What Stratal Thickness Tells Us about Sedimentary Processes in the Vent Field at MC118*

Charlotte Brunner and Wes Ingram

1:40 pm – 2:00

*Methane Concentration Regulates Rate of Microbial Activity and Carbon Flow in the Deep Sea*

Marshall Bowles and Samantha Joy

2:00 pm – 2:20

*The Benthic Boundary Layer Array: A Modular, Reconfigurable Seafloor Observatory Mode*

N. Farr, C. Pontbriand, J. Ware, J. Kapit and R. Camilli

2:20 pm – 2:50

**BREAK**

2:50 pm – 3:10

*The Evolution of Instrument Deployment at MC118*

Matt Lowe and Ken Sleeper

3:10 pm – 3:30

*Monitoring Bottom Water Chemistry and Methane Fluxes at MC118 with CSA onboard ROVARD*


3:30 pm – 3:50

*SSD Activities Update*

Paul Higley, SDI

3:50 pm – 4:00

*GIS Sever for Viewing and Distribution of Data from MC118*

Marco D’Emidio and Allison Innman

4:00 pm – 4:20

*Update on Link to Land at MC118*

Greg Easson and Nazeeh Shaheen

6:00 pm to 8:00

**Reception in Bryant Hall**

Come enjoy heavy hor d’oeuvres and relax with your fellow attendees

Bryant Hall is a short walk across campus

At 8:00pm the Oxford Double Decker bus will take guests on a tour of Oxford
Wednesday, October 27

8:00 am - Gather in Ballroom B at the Inn at Ole Miss  
Speakers, please load and save your presentations onto the computer

8:15 am – Welcome and Opening Remarks  
Greg Easson, Director  
Mississippi Mineral Resources Institute

8:30 am  
Discussion of Goals of Breakout Sessions  
Greg Easson

9:00am – 10:15  
Breakout session by topical area to define future science needs

10:15 am – 10:45  
Coffee Break

10:45am – 11:30  
Report of science needs by each group

11:30am – 12:00  
Open discussion of science needs

12:10 am – 1:00 pm  
LUNCH

Special Session:  Deepwater Horizon Oil Release

1:00 pm – 1:20  
Welcome and Opening Remarks  
Vernon Asper

1:20 pm – 1:40  
NIUST – Deepwater Horizon Oil Spill Response Cruises  
A. Diercks, V. Asper, M. Woolsey, A. Gossett, and M. Lowe III

1:40 pm – 2:00  
Microbial monitoring of the Deepwater horizon oil spill:  
field work and laboratory time series experiments.  
A. Teske, K. Ziervogel, L. McKay, T. Yang, B. Rhodes,  
L. Nigro, T. Gutierrez, and C. Arnosti

2:00 pm – 2:20  
Microbial community dynamics of the oil leak: time series study,  
microbial water column stratification, hydrocarbon substrate response  
T. Yang, L. Nigro, L. McKay, K. Ziervogel, T. Gutierrez, A. Teske

2:20 pm – 2:50  
BREAK

2:50 pm – 3:10  
Critical Deep Seep Research Areas Derived  
from Failure Modeling of the Great BP Oil Spill  
Ira Leifer

3:10 pm – 3:30  
M&S Solutions for Water-based Pollutants  
in Preventative or Consequence Management Situations  
Mustafa Altinikar

3:30 pm – 3:50  
New Techniques for mapping Oil Spill Seafloor Deposits  
Paul Higley and John Dunbar