

Oceans In Action Workshop – AGENDA

Marine Technology Society Gulf Coast Section
Mississippi Enterprise for Technology

November 4-6, 2019
Courtyard Marriott Beachfront Ball Rooms
1600 Beach Blvd, Gulfport, MS 39501

Program Agenda – Monday, November 4, 2019

- 11:00am – 1:00pm **Registration and Check-in**
- 1:00pm Welcome: Laurie Jugan, *Oceans In Action* Chair
- 1:15pm Opening/Emcee Remarks: MTS President Rick Spinrad
- 1:30pm Rhoda Price, Gulf of Mexico Alliance: Embrace the Gulf Initiative
- 1:50pm Eric Sparks, Mississippi State University Extension, Coastal Resiliency Projects
- 2:10pm Joe Spraggins, Executive Director, Dept of Marine Resources, DMR Programs
- 2:30pm **BREAK sponsored by Mississippi State University (MSU)**
- 3:00pm Jonathan Daniels, Director, Port of Gulfport, Port Activities
- 3:20pm Robert Griffitt, Interim Director, School of Ocean Science and Engineering, University of Southern Mississippi, Updates and Reginald Blaylock USM’s Thad Cochran Marine Aquaculture Center
- 3:40pm Dr. Monty Graham, Associate Vice President for Research, Coastal Operations, University of Southern Mississippi, Ocean Task Force/Ocean Enterprise Update
- 4:00pm Tech Talk 1: *Using Artificial Intelligence to Clean Multibeam Echo Sounder Data.* Michael Redmayne, Teledyne CARIS
- 4:20pm Tech Talk 2: *World’s First Autodive System for Marine & Aquaculture Operations.* Chris Webb, AI Control Technologies Inc.
- 4:40pm Tech Talk 3: *Disruptors in Unmanned Systems.* Justin Manley, Just Innovation, Inc.
- 5:00pm **Reception supported by Marine Industries Science & Technology (MIST) Cluster**
Joe Graben, Program Manager Update

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Program Agenda – Tuesday, November 5, 2019

- 7:00am **Breakfast sponsored by NOAA’s Northern Gulf Institute (NGI)**
- 8:00am Scott Kimball, US Geological Service, Hydrologic Instrumentation Facility
- 8:30am Dr. Richard Crout, Naval Research Laboratory – Stennis Detachment
- 9:00am Calista Mills, Environmental Protection Agency, and Philip Lee, Oak Ridge Institute of Science and Education at the Gulf of Mexico Program
- 9:30am BREAK
- 10:00am Helmut Portmann, Director, NOAA National Data Buoy Center (NDBC)
- 10:30am Alicia Caporaso, BOEM’s use of 3D Imagery
- 11:00am Panel: Freshwater Outflow in the Gulf - Algal Blooms and Hypoxia
Moderator: Laurie Jugan, MTS Gulf Coast Section Chair/MSET Program Manager
Panelists:
Dr. A. Rost Parsons, Deputy Director, Center for Coasts, Oceans, and Geophysics, NOAA National Centers for Environmental Information (NCEI)
Dr. Stephan Howden, Associate Professor, USM Dept. of Marine Science
Dr. Paul Mickle, MS Dept. of Marine Resources
- 12:30 – 1:30pm **LUNCH sponsored by Radiance Technologies**
- 1:30pm Keynote: Rear Admiral Tim Gallaudet, Ph.D., U.S. Navy (ret); Assistant Secretary of Commerce for Oceans and Atmosphere/Deputy NOAA Administrator
Topic: NOAA’s Unmanned Systems Strategy
- 2:00pm Panel: NOAA’s ARC (Advancing Research Collaboratively)
Moderator, Mary Wohlgemuth, NCEI Director
Panelists:
Robyn P. Angliss, NMFS, Deputy Director Marine Mammal Laboratory
Tom Cuff, Director of the Office of Observations, National Weather Service (NWS)
Carl Gouldman, NOS IOOS Director
Eric Kihn, NESDIS / NCEI Director for the Center for Coasts, Oceans and Geophysics
Alan Leonardi, OAR Ocean Exploration Director

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- 3:30pm **BREAK sponsored by General Dynamics Information Technology (GDIT)**
- 4:00pm Panel: Mississippi's Blue Economy
Moderator: Laurie Jugan, MTS Gulf Coast Section Chair/MSET Program Manager
Panelists:
Joe Graben, MIST Cluster Program Manager
Andy Kilgore, USM's Mississippi Defense initiative (MDI)
Rusty Walker, City of Gulfport
Mark Huang, SeaAhead
- 5:00pm Emcee Remarks: MTS President Rick Spinrad and OIA Chair Laurie Jugan
- 5:30pm **Remarks: Mayor Billy Hewes, City of Gulfport**
Reception supported by City of Gulfport

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Oceans In Action and ANTX: Gulf Coast: Program Agenda – Wednesday, November 6, 2019

Events at the Courtyard Marriott:

- 7:00am **Breakfast sponsored by Hancock County Port & Harbor Commission**
- 8:00am Keynote: RDML John A. Okon; Commander, Naval Meteorology and Oceanography Command;
Commander, Task Group 80.7
Topic: Operational Navy Update and Future Plans
- 8:30am Ron Vien, Technical Director, Naval Undersea Warfare Center Division Newport, Importance of
the Warfare Center Partnership in the Advanced Naval Technology Exercise (ANTX) with the
CNMOC Operational Command
- 8:50am Dr. Peter Hardro, Director ANTX 2019-20, NUWCDIVNPT, ANTX Purpose & Success Stories
- 9:10am Thomas Carroll, Program Manager Undersea Technology Innovation Consortium (UTIC) Other
Transaction Authority (OTA), NUWCDIVNPT, Description of UTIC OTA and its use to support
ANTX
- 9:30am Shuttles to USM/Gulfport Pier begin
- 10:00am Business-to-Business/Business-to-Government Meetings
- 12:00pm Lunch on your own/at Gulfport Pier
- 1:00pm Business-to-Business/Business-to-Government Meetings Continue
- 4:30pm Last shuttle returns from USM/Gulfport Pier

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***Oceans In Action and ANTX: Gulf Coast: Program Agenda – Wednesday, November 6, 2019
(continued)***

Events at the USM Marine Research Center (MRC) and Gulfport Pier:

- 8:00am ANTX: Gulf Coast Opens, Tours of USM's Marine Research Center and Live in-water demonstrations begin
- 9:00am Partnership Intermediary Agreement (PIA) signing between Naval Meteorology and Oceanography Command and Mississippi Enterprise for Technology (MSET)
- 10:00am Dr. William Burnett, Technical Director, Naval Meteorology and Oceanography Command: Welcome to ANTX: Gulf Coast
- 10am – 2:00pm LUNCH – Available for purchase at/near pier
Old School Eats
The Big Pig
- 2:00pm Pier Showcase: CAPT Ron Piret, Commanding Officer, Naval Oceanographic Office
- 4:00pm ANTX: Gulf Coast Closes
- 4:30pm **Last shuttle leaves from MRC**

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