

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 [Rhonda 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 \(Joe\) 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](#)

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- 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 Joe Graben, Marine Industries Science & Technology (MIST) Cluster
Update and Reception

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, 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](#)

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- 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
- 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:

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| 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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