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VICE CHAIR - Brian Bearden
Upstream Marketing +1 (832) 594-5390

SECRETARY - Colleen Uriarte
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TREASURER - Shannon Giagnorio
Verros Systems +1 (713) 857-9714

PAST CHAIR - Jida Nabulsi
Exterran +1 (281) 921-9346

NEXT EVENT: OIMO 2019
Offshore Industry Market Outlook 2019

LOCATION: Pelazio
12121 Westheimer Road
Houston, TX 77077

COST: $125

RESERVATIONS
Online: www.mtshouston.org
Email: mtsh@mtshouston.org
Online closes: Monday March 25, 2019

Offshore Industry Market Outlook 2019 will preview the conditions that will impact the offshore industry, business, the economy, and your bottom line in the next 1-3 years.

Hear from offshore industry leaders as they address both domestic and international issues, legislation, developments in the Gulf of Mexico, and financial planning efforts for the offshore oil and gas industry.

Offshore Industry Market Outlook 2019 offers the unique opportunity to get the detailed rundown of all major segments of the Offshore Industry: Services, Drilling, Construction and Geophysical from business leaders. There will also be ample opportunity to engage in discussions with recognized offshore industry leaders from MTS Houston, NOIA, FMI Capital Advisors, Haliburton, Pacific Drilling, Boskalis, TGS and more.

OIMO 2019 Registration

All registrations must be received by Monday, March 25, 2019

Event Hosts
Offshore Industry Market Outlook 2019 (OIMO 2019) will preview the conditions that will impact the offshore industry, business, the economy, and your bottom line in the next 1-3 years.

OIMO 2019 offers the unique opportunity to get the detailed rundown of all major segments of the Offshore Industry: Services, Drilling, Construction and Geophysical from business leaders. There will also be ample opportunity to engage in discussions with recognized offshore industry leaders.

INDUSTRY PANEL

INDUSTRY SEGMENTS

Offshore Service
Brenton Knobloch, GOM Ops Manager
Halliburton

Offshore Drilling
Michael Acuff, Senior VP Commercial
Pacific Drilling

Offshore Construction
Robb Erickson, Senior VP Marine Services
Bustanis

Geology and Geophysical
Kristian Johansen, CEO
TGS

Luncheon Speaker
Tim Duncan, President & CEO
Talos Energy

OIMO 2019 REGISTRATION

All registrations must be received by Monday, March 25, 2019

www.mtshouston.org/outlook.cfm

Event Flyer Design by UpstreamMarketing.net
Offshore Industry Market Outlook 2019 Agenda

Thursday, March 28th – OPENING SESSION

8:30 a.m.  Welcome and Introduction
           Tere Sonne, Chairman, Marine Technology Society – Houston Section
           Introductions and Legislative Review of Oil and Gas Industry
           Speaker: Randall Luthi, President, National Ocean Industries Association

9:10 a.m.  Topic: “Financial Overview of Offshore Oil and Gas Industry”
           Speaker: Barry Donovan, Managing Director, FMI Capital Advisors Inc.
           Question and Answers

9:45 a.m.  Break

10:00 a.m. INDUSTRY PANEL

Topic:
“2019-2021 Outlook for Major Segments of the International Offshore Industry”

Industry Segments:
1. Offshore Service – Benton Knobloch, GOM Ops Manager, Halliburton
2. Offshore Drilling – Michael Acuff, Senior VP Commercial, Pacific Drilling
3. Offshore Construction – Robb Erickson, Senior VP Marine Services, Boskalis.
4. Geology and Geophysical – Kristian Johansen, CEO, TGS.

Each panelist will have 20 minutes to present an overview of the six point below as they relate to the future of his specific industry segment.

1. Market supply and demand for specific segment over the next 1-3 years.
2. Regulatory problems and trends (international, federal, state and local).
3. Technological problems, developments and trends.
5. Personnel and training needs, availability and problems for specific segment.
6. What are the most serious threats to the offshore industry and how do you plan to cope with these threats?

Question and Answers from Panel

11:45 a.m. Break with one on one time with morning speakers.
12 Noon  Luncheon Program
           Tim Duncan, President & CEO Talos Energy
CHAIR'S MESSAGE

Hello, Everyone,

We had very interesting presentation by Antonio Critsinelis, Pipelines and Installation Engineering Team Manager with Chevron and coauthor Sid Mebarkia, also with Chevron. The topic was Innovative Solutions for Subsea Pipelines. We thank Antonio and Sid for this informative presentation.

Many thanks go out to the volunteers who assisted John Whites, our Science Fair Chairman, with the Science Fair which was held last month.

This month we have two great events, one outdoor and one in:

- **Saturday, March 23rd** - Sporting Clays Tournament – Clyde Evons - Chair and Jennifer Williams - Co-Chair.

- **Thursday, March 28th** - Offshore Industry Market Outlook 2019 (OIMO 2019) – Brian Bearden – Chairman, Richard Williams and Evalyn Shea – Co-Chairs. This is a half day event including a continental breakfast and lunch where speakers will provide offshore industry insights. It will be held at our usual venue The Pelazzio at 12121 Westheimer. It is very reasonably priced at $125.00. You won’t be able to find a better price for the information that will be shared.

On April 4, MTS and SNAME will be holding a joint meeting at Texas A&M in College Station. The details are provided in this newsletter.

Additionally, on Thursday, April 25th, Cobie Loper, Vice President of Global Offshore Accounts for NOV, will present the topic Seabox Subsea Water Treatment Qualifications and Applications.

Please visit our website http://www.mtshouston.org to register for the Sporting Clays Tournament and to attend OIMO 2019 this month.

We look forward to seeing you at all of our upcoming events.

Best regards,

_Tere Sonne_

MTS HOUSTON SECTION CHAIR
832-229-3895
The 2019 MTS Houston Sporting Clays Tournament will be held on Saturday, March 23, 2019 at the American Shooting Center. During the past ten years, this tournament has grown into one of the largest clay shooting tournaments in the Houston area and has proven to be an extremely popular event with great sponsorship opportunities, prizes and networking capabilities for companies in all areas of the oil & gas industry. Experienced shooters and novices are encouraged to attend. Bring colleagues and clients out to enjoy a great day of shooting!
SENIOR DESIGN PRESENTATIONS AND COASTAL/OCEAN ENGINEERING INDUSTRY TOPICS

SNAME TEXAS SECTION, MTS HOUSTON SECTION
TAMU MTS/SNAME STUDENT SECTION

Thursday, April 4, 2019
Garden Room (1130), Student Recreation Center, Texas A&M University, College Station, Texas

AGENDA

<table>
<thead>
<tr>
<th>TIME</th>
<th>TOPIC</th>
<th>SPEAKER</th>
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<tbody>
<tr>
<td>9:00–9:30</td>
<td><strong>REGISTRATION (Student Recreation Center, Garden Room)</strong></td>
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<tr>
<td>9:30–9:50</td>
<td>East Texas Offshore Marine Terminal – Pumping &amp; Pipeline</td>
<td>Ocean Engineering Students</td>
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<td>9:50–10:10</td>
<td>East Texas Offshore Marine Terminal – CALM Buoy</td>
<td>Ocean Engineering Students</td>
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<td>10:10–10:30</td>
<td>Deepwater GOM Field Development</td>
<td>Ocean Engineering Students</td>
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<td>10:30–10:45</td>
<td>Break</td>
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<td>10:45–11:05</td>
<td>Breakwater Design for Marsh Erosion Protection</td>
<td>Ocean Engineering Students</td>
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<tr>
<td>11:05–11:25</td>
<td>Western Australia FPS Design</td>
<td>Ocean Engineering Students</td>
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<td>11:25–12:00</td>
<td><strong>BBQ Buffet Lunch (Garden Room)</strong></td>
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<tr>
<td>12:00–12:30</td>
<td>SNAME &amp; MTS Business Announcements, MTS Outstanding Ocean Engineering Student Award, SNAME Academic Excellence Award, Omega Epsilon Honor Society Induction</td>
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<tr>
<td>12:30–1:00</td>
<td>Mobile Offshore Production Systems</td>
<td>Mr. Bruce Crager</td>
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<td>Exec. V.P., Endeavor Mngt.</td>
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<tr>
<td>1:00–1:30</td>
<td>Stones: A Pioneering Management Philosophy for Enhancing Project Performance and Safety</td>
<td>Mr. Curtis Lohr</td>
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<td>Shell (retired)</td>
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<td>1:30–1:45</td>
<td>Break</td>
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<tr>
<td>1:45–2:15</td>
<td>Investigating Opportunities and Challenges for Unmanned Floating Production Facilities</td>
<td>Dr. Gaurav Singhal</td>
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<td>Team Lead, Wood</td>
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<td>2:15–2:45</td>
<td>Suppression of Vortex-Induced Vibrations</td>
<td>Dr. Don Allen</td>
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<td>President, VIV Solutions</td>
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<td>2:45–3:15</td>
<td>Overview of Some Coastal Engineering Projects at Mott MacDonald</td>
<td>Mr. Joshua Carter</td>
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<td>V.P., Mott MacDonald</td>
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<td>3:15</td>
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Registration Fees

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<tr>
<th>Type</th>
<th>Register by</th>
<th>Pay at Door</th>
<th>Member (SNAME or MTS)</th>
<th>Non-Member</th>
<th>Student</th>
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<tr>
<td>Regular</td>
<td>March 28</td>
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<td>$40</td>
<td>$50</td>
<td>$20</td>
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<tr>
<td>Late</td>
<td>April 2</td>
<td>April 4</td>
<td>$50</td>
<td>$60</td>
<td>$25</td>
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Registration

Please register on line at http://www.snamesymposium.com/snme-mts-meeting/. TAMU faculty and students can register in the Ocean Engineering Office or by phone 979-845-4515 or email to rwright@tamu.edu by 5 pm, Tuesday, April 2, 2019. Late registration will accommodated at the door.

Parking Instructions: The cost of parking is not included in the registration fee. Visitor parking is available in the West Side Parking Garage (WSG), 100g beside Reed Arena, and 100j beside Olsen Field. Park vehicle in numbered visitor space and go to pay station. Pay by cash or credit card, print out the receipt and place it on the dashboard. Parking from 9 am to 4 pm should cost $11. A visitor parking map is available from the website: http://transport.tamu.edu/parking/visitor.aspx. Enter the front or rear entrance to the Student Recreation Center (SREC) and follow signs or ask directions to the Garden Room on the first floor.

MAP TO SNAME/MTS MEETING AT TEXAS A&M UNIVERSITY

Driving instructions: Texas Business 6 to George Bush Drive West, Turn Left on George Bush West, take George Bush West across Wellborn Rd and railroad tracks, Turn right on Olsen Blvd, Park in WCG or other visitor parking (blue lots), enter Student Rec Center (SREC) front or rear (by Olsen Baseball Field), ask for location of Garden Room.
Panel: Coming to Americas
0930-1200, Wednesday, 8 May 2019
Manuscript: OTC-29675-MS

Panelists:
- Erik Oswald, VP Americas, ExxonMobil Exploration
- Cindy Yeilding, Senior VP, BP Americas
- Carlos Portela, President, Ecopetrol America
- Tim Duncan, CEO, Talos Energy
- Liz Schwarze, VP Global Exploration, Chevron
- Chris Golden, Senior VP, Equinor

Theme:

The deepwater basins of the Americas have been among the most active and successful with discovered resources to date of over 100 billion boe. Some of the world's most prolific hydrocarbon basins are located along the Americas margins. Considerable undiscovered potential remains, and prospects can be multi-billion barrels of oil in size. This paper will focus on deepwater hot spots in East Coast Canada, Gulf of Mexico, the Equatorial and Atlantic Margins, and Colombia.

The panelists will discuss the factors that have contributed to building a successful deepwater sector – from access to exploration, from development to production. They will highlight some of the common challenges operators face across the region, and best practice by governments and industry in handling these issues for sustainability in a highly cyclical oil and gas business.
SAVE THE DATE
Annual BBQ Fundraiser
Thursday November 7, 2019

Generously hosted by
ASHTEAD TECHNOLOGY OFFSHORE, INC.
14825 Northwest Freeway, #900, Houston, TX 77040

Exhibit Tables Available | Test Tank Demos | Silent Auction
University Scholarship Program | High School Robotic Clubs
Sponsorships Available | Casual Networking | BBQ & Beverages

Questions Contact BBQ Chair: Jessica Montoya
(jessica.montoya@technipfmc.com) (832) 454-4890

ONLINE REGISTRATION WILL OPEN AUGUST 1, 2019
http://www.mtshouston.org/bbq.cfm
2019 Advertising Opportunities ~ Don't Miss out!

SPONSORSHIP & ADVERTISING OPPORTUNITIES

LOGO Sponsorship:
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$150 annually
Website
$240 annually

Exclusive Logo on Page:
Website
$480 Annually

Space Advertising & Insertions are accepted in the Monthly Announcement as well.

For additional information contact JoAnn Zeisig @ jzeisig@stansfeldllc.com

UPCOMING EVENTS

March 23, 2019
MTSH Sporting Clays Tournament
Registration is now Open!

March 28, 2019
Offshore Industry Market Outlook
OIMO 2019
Pelazzio @ 12121 Westheimer
Registration is now Open!

April 4, 2019
MTS & SNAME Joint Meeting
Texas A&M University

April 25, 2019
Cobie Loper
VP Global Offshore Accounts - NOV
MTSH April Luncheon Presentation

May 8, 2018
MTS Sponsored Session
OTC

MTS FELLOWS Houston Section

Benton Baugh
John Bomba
J.C. Calhoun
Tom Coughlin
Dietmar Deter
Pete Fougere

Ronald Geer
Bruce Gilman
Robert Haring
Wayne Ingram
Sandor Karpathy
Sandee Khurana

Lisa Medeiros
Drew Michel
Suman Muddusetti
Robert Randall
Charlie Richards, Sr
Chuck Richards Jr.
Charles Royle
Jerry Streeter
Doug Stroud

About the Announcement

The MTS Houston Section Announcement is published monthly (11 issues of MTS Houston Section Announcement per year) and distributed electronically to industry professionals. Logo sponsorship ($150 a year) and advertising opportunities are available. Please send articles and news items about upcoming events to the editor. Deadline for submissions is the first day of the month of issue. To include your logo, advertise or to receive this Announcement by email, please send your name, company, and email address to mtsh@mtshouston.org.