

## A Forum for Dialogue

### *Decreasing Ocean Energy Safety Incidents through Greater Incorporation of Human Factors and Human-Systems Integration*

Tuesday, March 10, 2015

DoubleTree Hotel, Houston Intercontinental Airport  
 15747 John F Kennedy Blvd, Houston, Texas 77032

*The intent of this Forum is to stimulate dialogue among the many members of the ocean energy industry at large. Additionally, the desire is to ultimately identify both tasks and research topics that can fill gaps in the current state of safe and environmentally responsible offshore energy operations. These tasks and topics will be captured in the Forum Summary, prioritized by the OESI stakeholders, and addressed by action projects or research projects to further enable the ocean energy industry.*

**Tuesday, March 10, 2015**

**Register at:** <http://engrevent.tamu.edu/event/101170>

7:00AM -8:00AM –Registration - Continental Breakfast	
8:00AM	<b>Welcome – Jim Pettigrew, Director of Operations, Ocean Energy Safety Institute</b>
8:10AM	<b>Opening Remarks – Dr M. Sam Mannan, Principal Investigator, Ocean Energy Safety Institute</b>
8:20AM	<b>Introduction to Forum Topic – S. Camille Peres, Assistant Professor, Texas A&amp;M University</b>
<b>Session I</b>	
<b>Organizational Elements</b>	
Moderator: <b>Dr Christiane Spitzmuller (UH)</b>	
8:30AM	<b>Panel Members</b> <b>Dr Eduardo Salas - Human Factors and Ergonomics Society, Creating a Culture of Safety: Organizational Science Matters!</b> <b>Dr Mark St John - Pacific Science and Engineering Group, 'Developing a Set of Human Factors Barriers for Deepwater Drilling Risk Assessment'</b> <b>Ken Arnold - WorleyParsons, 'Assuring an Adequate Safety Culture'</b>
9:20AM	<b>Open Forum Dialogue</b>
9:40AM	<b>Moderators Summary</b>
9:50AM	<b>Morning Break – Networking and Refreshments</b>

## Session II

### Design Decisions

Moderator: **Dr S. Camille Peres (TAMU)**

**10:10AM Panel Members**

**Dr Anthony Ciavarelli - Human Factors Associates**, 'The Role of Human Factors in Selecting the Best and Safest Technologies in the Oil and Gas Industry'

**Dr Eileen Hoff - Shell**, 'HF(E) in Design'

**Dr Jose Gutierrez - Transocean**, 'Human Centered Design Considerations in Offshore Drilling'

**11:00AM Dr Dave Grabaskas**, Argonne National Laboratory, '*Including Human Factors in Offshore Risk Models*'

**11:15AM Open Forum Dialogue**

**11:35AM Moderator's Summary**

**11:45AM Lunch**

**12:05PM Two parallel breakout sessions following the themes of the two earlier panel sessions.**

- **Breakout group for Session 1: Facilitators - Dr Spitzmuller and Dr Salas**
  - o The focus of this group will be 'How can Organizational Elements further enable safe and environmentally responsible offshore energy operations.'
- **Breakout group for Session 2: Facilitators - Dr Peres and Dr Ciavarelli**
  - o The focus of this group will be 'How can Design Decisions further enable safe and environmentally responsible offshore energy operations'.

### Afternoon Break at Facilitator direction

**3:15PM Convene as full group for report back from breakout sessions**

- **Group facilitators will present summary of discussion, to include further tasks and research topics.**

*These Session summaries will be used to develop research opportunities and ideas for further action. These could include, for example, a roadmap of best practices for incorporation of HF/HSI in ocean energy operations; or, understanding current barriers for more comprehensive incorporation of HF/HSI in ocean energy operations.*

**4:00PM Recap and Closing Remarks – Dr M. Sam Mannan**

**4:30PM EXECUTIVE SESSION - OESI Advisory Committee Meeting – Dr M. Sam Mannan**

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