

# Human Factors to Support Safer & Effective Offshore Energy Operations

# OESI

OCEAN ENERGY  
SAFETY INSTITUTE

**1st Joint Workshop**  
by the Ocean Energy Safety  
Institute (OESI) and the Human Factors  
and Ergonomics Society (HFES)

**June 14, 2017**  
**8 a.m. – 5 p.m.**



**Double Tree Hotel at George Bush Intercontinental Airport — Houston, Texas**

Since the Macondo incident in 2010, there have been many investigations to determine the root causes of this enormous personal, environmental and economic disaster. Most of these investigations revealed that applying the science and practice of human factors and ergonomics could have mitigated or prevented both this event and other potential incidents in this arena. OESI and HFES are collaborating to overcome the current gap by showing how human factors and ergonomics science can be applied to create safer offshore energy operations.

OESI is a collaborative initiative between the Texas A&M Engineering Experiment Station's (TEES) Mary Kay O'Connor Process Safety Center, Texas A&M University, The University of Texas at Austin and the University of Houston.

The Human Factors and Ergonomics Society envision a future in which the reach, relevance, and quality of human factors/ergonomics are greatly expanded by enriching the science and enhancing its impact on solving societal problems by embracing outward-facing collaborations.

**Attendees will learn and be able to take away:**

- Leading human factors science
- Examples of how this science has been turned into practice to improve safety
- Guidance on how Human Factors practices can be justified to management when necessary (e.g., through ROI, standards, etc.)

**Target audience:**

- Human factors and safety specialists
- Bureau of Safety and Environmental Enforcement inspectors, engineers, and personnel

## KEYNOTE

### *Situation Awareness & Crew Resource Management Offshore*

**Dr. Rhona Flin**

*Professor of industrial psychology,  
Aberdeen Business School, Robert Gordon University*

## PRESENTATIONS

### *Improving Situation Awareness Through System Design*

Dr. Mica Endsley – SA Technologies, Inc.

### *Physical Ergonomics & Design—Drilling & Production*

Jerry Miller – G.E. Miller and Associates

### *Translation to Practice—Role of API RP75*

Ajay Shah – Chevron

**EARLY REGISTRATION**

*(through May 24)*

**\$250, thereafter - \$295**

**TO REGISTER: [bit.ly/2pl9pq0](http://bit.ly/2pl9pq0)**

