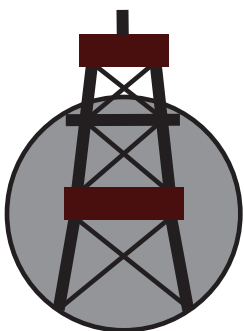


# The Mary Kay O'Connor Process Safety Center 2020 INTERNATIONAL SYMPOSIUM

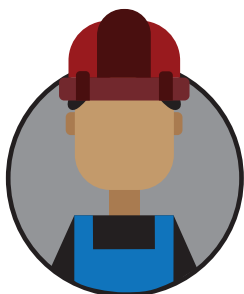
All Process Industries and Transportation Modes Energy, Chemicals, Pharmaceuticals, Semiconductors

## Call For Papers



### Managing Operations and Maintenance

- Managing Process Safety
- Operational Excellence, Best Practices, Worker Involvement
- Asset Integrity, Maintenance, Reliability, Aging Facilities, Failure Data, Materials
- Economics, Cost-Benefit, Value at Risk, Business Case
- Learning from Incidents, Investigations, Case Histories, Incident Data, Near Misses



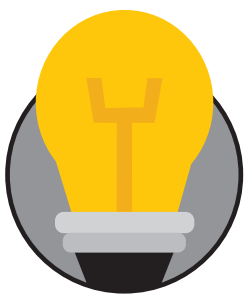
### Upstream Operations

- Process Safety in Well Operations
- Spill Prevention and Mitigations
- Barriers in Well Control
- Developing Leading Indicators in Well Control
- Human Factors in Well Operations, Situation Awareness, Fatigue
- Corrosion, Material Failures, and Mitigation via New Materials
- Automated Unmanned Vehicles use for Inspections and Maintenance
- Aging Facilities and Decommissioning



### Human Factors – People in Action

- Process Safety Competency
- Safety Culture, Leadership, Assessment, Training
- Human Performance, Procedures, Fatigue
- Education, University, Continuing Ed, Operator, Virtual Training
- People and Equipment



### Design, Analysis, Modeling and Assessment

- Design Concepts, Resilience, Inherent Safety, Sustainability, Green Chemistry,
- Risk Assessment, Uncertainty, Tolerance, ALARP,
- Functional Safety, Control Systems, ASM, SIS/SIL/LOPA, Alarms
- Consequence Analysis, Flammability, Combustion, Explosions, Toxic
- Mitigation Systems, Pressure Relief, Curtains, Foam
- Cyber-Security, Cyber-Risk
- NaTech, Hurricane, Flood, Tsunami, Earthquake

### Research and Next Generation

- Energetic Materials, Calorimetry, Contaminants, Prediction
- Flammability, Combustion, Ignition, LNG
- Explosion Phenomena and Modeling, Vapor Clouds, DDT, Blast Effects
- Environmental Influences on Safety
- Structure Resistance, Fire, Blasts
- Any of the Topics Listed in other sections as Research
- Next Generation Concepts, Big Data, AI, Digitalization, Virtual Reality



Submit your abstract here: [tx.ag/ISPAPERS2020](https://tx.ag/ISPAPERS2020)

Due February 1, 2020

Papers published in the proceedings will be reviewed and a selected number will be published in the Journal for Loss Prevention. Authors please select one or two keywords from one of the major topic areas and one or two additional keywords from your abstract.

**Do you have a topic that is not listed and would like to see included in the 2020 Symposium?**

We welcome your suggestions and will send to our committee for review. Submit your suggestions here: [tx.ag/2020TopicSuggestions](https://tx.ag/2020TopicSuggestions)