2021 MARY KAY O'CONNOR PROCESS SAFETY SYMPOSIUM

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

Call for Papers
MKOSYMPOSIUM.TAMU.EDU

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

TEES
MARY KAY O'CONNOR PROCESS SAFETY CENTER

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.

Papers published in the proceedings will be reviewed and a selected number will be published in the Journal for Loss Prevention. Authors, please include one to two keywords from the 5 major topic areas and one or two keywords from that topic in your abstract.

Submit your abstract here: tx.ag/2021mkosubmissions