Mary Kay O'Connor Process Safety Center

27th MKOPSC Conference
3rd OESI Symposium
Safe and Sustainable Energy Transition - Making Safety Second Nature
October 22-24th, 2024

CALL FOR PAPERS

**Process Safety and Risk Management**
- Managing Process Safety
- Operational Excellence, Best Practices, Worker Involvement
- Hydrogen & Ammonia Safety
- Operational Risk Management
- Consequence Analysis, Flammability, Combustion, Explosions Modeling
- Learning from Incidents, Investigations, Case Histories, Incident Data, Risk Assessment, Uncertainty, ALARP

**Ocean Energy Safety (Renewable & Non-Renewable)**
- Wind Energy
- Marine Energy
- Marine Operations
- Offshore Oil and Gas Operations
- Human Factors in Offshore Operations
- NaTech, Hurricane, Flood, Tsunami, Earthquake
- Aging Facilities & Decommissioning

**System Safety & Security in Cyber Processing Systems**
- Cyber-Risk Analysis
- Process System Automation
- Cloud Computing
- Data Analytics and Big Data
- Cyber Process Systems
- Remote Operations
- Cyber Security Barrier Management

**Reliability and Asset Integrity of Process Systems**
- Resilience Engineering & Sustainability
- Asset Integrity Management
- Functional Safety, Control Systems, ASM, SIS/SIL/LOPA, Alarms
- Automated unmanned Vehicles for Inspection and Maintenance
- Corrosion, Material Failures, and Mitigation via New Materials

**Process Instrumentation Safety**
- Process Control and Safe Operation
- Alarm Metrics and Advanced Alarm Management
- Fire and Gas Systems
- Safety Instrumented systems
- Big Data and Digitization - Science Fiction vs Today's Reality
- Digital Twins and Advanced Process Control (machine learning and AI)
- Functional Safety Management

Abstract Submission Deadline: April 15, 2024

Send abstracts to mkoshared@tamu.edu

Papers published in the proceedings are invited to submit for Special Issue in Journal of Process Safety and Environment Protection.