

Mary Kay O'Connor Process Safety Center

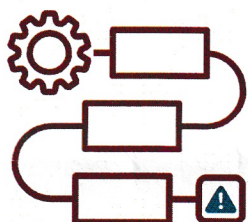
27th MKOPSC Conference

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



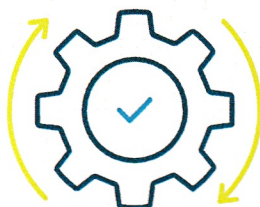
Ocean Energy Safety (Renewable & Non-Renewable)

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

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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.