

Day 0 – 21-October-2024		6:00 PM – 8:45 PM		Pre-Registration & Networking (Hilton Roof Top, All are Welcome)		
Day 1 – 22-October-2024	7.30 – 8.15	Breakfast				
	8.15 – 9.15	Plenary Speaker – Dr. Michael Hamblin (Woodside)				
	9.15– 9:25	Booth Exhibitors Presentation				
	9:30-9:45	Regroup to Breakout Rooms - Coffee Break				
	Room	Mockingbird	Amphitheater	Unique1	North/South	Oakwood Ballroom
	9.45 – 11.45	Managing Process Safety	Hydrogen Safety	Consequence Analysis, Flammability, Combustion, Explosion	Ocean Safety Day	Data Technology
	9.45 – 10:15	Keynote Address – Dr. Ray Mentzer	Keynote Address – Dr. Md Modarres	Keynote Address – Dr. Paolo Gardoni	Keynote Address -Dr. Steven Wong	152, Azizli, AI Technology
	10:15 – 10:45	51-Advancing Pipeline Safety: Leveraging Machine Learning and Data Analytics for Leak Failure Prediction- <b>Hadiseh Ebrahimi</b>	159 - Insights for hydrogen safety from Quantitative risk assessment (QRA): implications for fueling stations, forklifts, pipelines, and electrolyzers – <b>Katrina Groth</b>	33-Modified Williams' Mist Model to Include Shape Effects- <b>Henry Foust</b>	73- Machine Learning for Deepwater Drilling Operations: Case studies for Rig State Classification, Early Gas Kick Detection, and Downhole Quantitative Evaluation of Gas Kicks- <b>Mayank Tyagi</b>	123, Malone, Cybersecurity
	10:45 – 11:15	139-The Situation in the Field of Safety Culture in the Czech Republic with Regard to the Prevention of Major Accidents- <b>Ivana Slovackova</b>	NFPA 2: A Working Overview of Hydrogen Facility Fire Codes – <b>52- Joshua Ruiz</b>	55-Fire of plant protection products - hazard identification- <b>Jan Przybysz</b>	96- Innovations in the Integrity Management of Offshore Grating- <b>Ioannis Kalpakidis</b>	30, Chow (E), Digital Transformation
	11:15 – 11.45	88-Risk and Supply Chain Issues in Optimizing Hazardous Materials Transportation Schemes- <b>Vasiliki Kazantzi</b>	Investigating the Formation of H2/O2 Explosive Mixtures in Low/High Pressure PEM Water Electrolyzers: A Fault Tree Analysis Approach – <b>23 – Luc Vechot</b>	7-Assessment of the Vaporization Rate of Sulfur Dust and Its Application in the Prediction of the Associated Dust Explosion Properties- <b>Asma Abousrafa</b>	216- Around Monopiles and Its Implications for Safety- <b>Nadim Zgheib</b>	112, Antosh, Connected Workforce
	11.45-1.00	Lunch - Plenary Speaker – Dr. Scott Davis, Exhibitors Presentation				
	1.00 – 3.00	Functional Safety, Control Systems, ASM, SIS/SIL/LOPA, Alarms	Learning from Incidents, Investigations, Case Histories, Incident Data	Operational Risk Management	Ocean Safety Day	Instrumentation
	1:00 - 1:30	42-Impact of Device Mission Time on Safety Instrumented System Lifecycle Cost- <b>Rajeev Limaye</b>	Keynote Address – <b>Trish Kerin</b>	150 - Risk based approach to establish on site health centers in the Oil and Gas Sector – <b>150- Diara Malick</b>	170- Use of digital twin and machine learning for real-time estimation of wave/current and riser/mooring dynamics with fewest sensors- <b>MooHyun Kim</b>	64, McMillan, pH
	1:30 - 2:00	29-BPCS IPLs: Not all BPCS loops are created equal.- <b>Aracely Acevedo Arteche</b>	188-Safety Culture: Almost 40 years of Experience- <b>Mark Griffon</b>	135 -Enhancing Risk Management by ensuring effective Emergency Response Plan for Hydrogen and Ammonia-SEC Success Story – <b>Surendra Mahakalkar</b>	181- Hydrate Formation with the Memory Effect Using Classical Nucleation Theory- <b>Emre Arslan</b>	13, Hoover, In-Situ Verification of Mass, Density, and Volume
	2:00 - 2:30	37-Improving Integration between Process Safety and Functional Safety- <b>Jenny Wilson</b>	141-Thirty Year Review and Analysis of Reactive Incidents. Real Cost and Prevention of Future Incidents-Irene Uriarte Villanueva	32-Captive Key Systems as an Effective Process Control Method- <b>Virginia Holland</b>	85- BSEE Renewables – A Different Approach to Oversight- <b>Jonathan Fraser</b>	47, Machuca (E) PRV monitoring
2:30 - 3:00	77-Fault-prognostic Explicit Control of Safety-Critical Reaction Processes with Bayesian State Estimation- <b>Austin Braniff</b>	154-When Knowledge Transfers: Connecting Lessons Learned to Organizational Memory- <b>Kristin Robbins</b>	62-Aligning Process Safety Competency with Confidence to Improve Risk-Based Process Safety Decision-Making in the Process Industry: Enhancing Engineering with Psychology- <b>Luc VECHOT</b>	194- Offshore Crane Safety Related to Human Errors: A Review- <b>Weihang Zhu</b>	43, Braun, Temperature Excursion Interlock	
3.00 – 3.30	Break - Exhibitors Presentation					
3.30 – 5.30	Asset Integrity Management	Accident Modelling and Investigation	Risk Assessment	Ocean Safety Day	Process Control Systems	
3.30 – 4:00	204-Internal Corrosion Management and Failure Analysis Framework- <b>Susmitha Kotu</b>	99-Consequence Modelling for Ammonia Safety: A Comparative Analysis for Assessing Toxicity Risks in Industrial Applications- <b>Khama Matiti</b>	66-Using an Enhanced Onshore QRA Tool and PowerBI to Analyze and Manage Risk Effectively- <b>Ganesh Mohan</b>	41- Application of Safety Critical Task Analysis (SCTA) method in the offshore industry- <b>Toby Garner</b>	Panel 15, Mozisek, Control Migration Challenges	
4:00 – 4.30	116-Risk Based Inspection and Maintenance Procedure for Chemical Supply Piping in Semiconductor Facilities- <b>Kee Bong Yoon</b>	147-A physics-informed data-driven model applied for gas dispersion modelling of complex geometry- <b>Savio Vianna</b>	163-Hierarchy of Process Control is Just a Corporate Philosophy or Implemented Effectively- <b>Rajender Dahiya</b>	120- Understand the Cognitive Science that Underpins Reliable Safety Designs- <b>Tom Shephard</b>		
4:30 – 5:00	211-Application of Machine Learning Concepts in Inspection Data Management System at Process Plant Facilities- <b>Dheerajkumar R Narang</b>	129-Natech accidents caused by wildfires and Interfaces fires: an emerging threat for the chemical and process industries- <b>Valerio Cozzani</b>	78-An Operability Case Study of a Proton Exchange Membrane Water Electrolyzer System- <b>Beatriz Dantas</b>	213- Metahuman Models for Reducing Human Exposure to Hazardous Conditions During Offshore Wind Turbine Operations and Maintenance- <b>Jian Tao</b>	Workshop 45, Beall, Control Valve Performance	
5:00 – 5:30	215-Small Bore Tubing – Guidelines for Mitigating Static & Dynamic Loads- <b>Damien Hurley</b>	160-Re-Thinking Root Cause Analysis: How Common Problem-Solving Tools Contradict the Fundamentals of Science and Engineering- <b>Mark Galley</b>	101-Our Approach to review and improve quality in Process Hazard Analysis (PHAs)- <b>Karthick Deivasagayam</b>	40- Human Factors Considerations – Ammonia Fuel in the Maritime Industry- Toby Garner		
5:45 – 8:00	Awards Banquet – Free for all registrants					

Breakfast						
Plenary Speaker Dr. Steven Horsch						
Exhibitors Presentation						
Regroup to Breakout Rooms - Coffee Break						
Room	Mockingbird	Amphitheater	Unique1	North	South	Oakwood Ballroom
7.30 – 8.15						
8.15 – 9.15						
9.15 – 9.25						
9:30-9:45						
9:45 – 11.45	<b>Cyberphysical System and Big Data</b>	<b>Managing Process Safety</b>	<b>Accident Modelling</b>	<b>Learning from Incidents, Investigations, Case Histories, Incident Data</b>	<b>Ocean Safety Day</b>	<b>Safe Automation Practices 1</b>
9:45 – 10:15	<b>46-Navigating the Convergence of Safety and Security Risks-Kok Hwa Lim</b>	<b>31-Alternatives to Car Seal Management Programs-Virginia Holland</b>	<b>Keynote Address – Dr. Nancy Currie Gregg</b>	<b>151-Using Machine Learning and Keyword Analysis to Analyze Incidents and Reduce Risk in Oil &amp; Gas Operations-Michael Marshall</b>	<b>174- Enhancing Ocean Surface Current and Wave Estimation Through Real-Time Inverse Modeling Using TABS Buoy Data and Artificial Neural Networks- Dosoo Kwon</b>	<b>95, Aguilar, Organization Culture</b>
10:15 – 10:45	<b>183-Exploring Control and Safety System Architectures: Assessing Cybersecurity Pros and Cons'-Marco Ayala</b>	<b>76-Facility Siting Tolerance Criteria - Do's and Don'ts-Annette Ashiofu</b>	<b>205-Chlorine and Ammonia Removal by Dry Deposition during an Accidental Release-Tom Spicer</b>	<b>169-Imagining the Future – Disaster Prevention Is A Verb, 35+ Years Post Piper Alpha-Robert Wittkower</b>	<b>187- System Risk: a hybrid methodology for exploring the risk propagation of wave energy system- Nima Golestani</b>	<b>16, Zhong, PHA to SIS</b>
10:45 – 11:15	<b>58-Zero Trust Network Architecture for Operational Technology-Alexandre Peixoto</b>	<b>164-Open Actions Means Unmitigated Risk: Are You in Control of your Actions-Rajender Dahiya</b>	<b>184-Enhancing Safety Assessments for Cryogenic Hydrogen: Cost-Effective Simulation with Dimensionality Reduction Techniques-Javad Mohammadpour</b>	<b>56-Troubleshooting BGCAPP MPT Startup Temperature Indicator Installation Error with Process Knowledge, Calculation and Modeling-Joseph Wall</b>	<b>190- Exploring Uncertainties in Multi-Purpose Offshore Platforms: A System Dynamics Approach to Marine Energy and Aquaculture Integration- Minghan Bao</b>	<b>54 Reilly, Alarm Management</b>
11:15 – 11.45	<b>167-Development of a risk assessment matrix for Canadian renewable energy projects-Uyen Dao</b>	<b>38-Improving Safety Performance: Compliance versus Competence - How will the Process Industries transcend from the former and achieve the latter?-Michael Taube</b>	<b>61-Investigating the regimes following underground gas releases: from Gas Migration to Crater Formation-Ola Srouf</b>	<b>84-Identification of reference scenarios from incident datasets using Bayesian Network-Matteo Iaiani</b>	<b>201- Insights over the Enzymatic Conversion of Carbon Dioxide Utilization for Onboard Carbon Transportation- Mohammad Elkady</b>	<b>119, Hall, Application Software</b>
11.45-1.00	<b>Lunch/ Exhibitor's Presentation</b>					
1.00 – 3.00	<b>Data Analytics and Big Data</b>	<b>Consequence Analysis, Flammability, Combustion, Explosion</b>	<b>Managing Process Safety</b>	<b>Hydrogen Safety</b>	<b>Ocean Safety Day</b>	<b>Safe Automation Practices 2</b>
1:00 - 1:30	<b>198-Barrier management as a basis for the functional integration of safety and security domains in critical infrastructures - an analysis of the existing technical framework-Juan Angarita</b>	<b>21-Experimental study of sulfur vaporization rate in the context of sulfur dust explosion-Luc VECHOT</b>	<b>75-Assessing Safety Culture Across Five Oil and Gas Refineries: A Comprehensive Study-Reza Sanij</b>	<b>125-DNS MODELLING OF FLAME DYNAMICS IN LEAN HYDROGEN MIXTURE AT DIFFERENT PRESSURES-Savio Vianna</b>	<b>49- Beyond Technical Barriers: Enhancing Onboard Safety through Human-Machine Interaction Management in Ammonia-Powered Ships- Rustam Abubakirov</b>	<b>103, Klein, ISA 84.91.03</b>
1:30 - 2:00	<b>208-Teaching Cyber Security to Chemical Engineering Students-Helen Iou</b>	<b>60-Analysis of Flammability and Smoke Emission of Wood-Based Materials-Kamila Mizera</b>	<b>87-Using online risk tools (CloudQRA) to consider risk mitigation for atypical large open domains such as FLNG and deepwater facilities-Zoe Wattis</b>	<b>102-Unlocking the Power of Safety: Innovative Strategies for Explosive Protection in Hydrogen Applications- Andreas Brandl</b>	<b>107- SMART-SEA: Ship Collision Avoidance of Stationary Structures through Integrated Machine Learning Radar Image Detection and High-Fidelity Maneuvering Models- Mirjam Furth</b>	
2:00 - 2:30	<b>79-A cyber-attack detection based on time-delay mutual information analysis-Fangyuan Ma</b>	<b>127-Are empirical explosion models enough to evaluate far-field explosion pressures with complex topography?-Jesse Brumbaugh</b>	<b>158-Multilevel Flow Modeling for Improving Safety of Hydrogen Refueling Stations-Ruixue Li</b>	<b>197-A Global Mapping of Best Practice Design Standards for Hydrogen Project Developers-Bryce Levett</b>	<b>191- On the Design of Ports and Vessels for Safe and Efficient Installation of Offshore Wind Farms- Shintaro Sobashima</b>	<b>118, Muthu, SIS Digitalization</b>
2:30 - 3:00	<b>171-Applying Advanced Data Analytics to Predict (and Prevent) Process Safety Incidents-Meor Ahmad Qadri Mohd Zahari</b>	<b>86-Evaluation of a multi-phase dispersion model for the simulation of CCUS scenarios- Andreas Mack</b>	<b>185-Crediting Fired Equipment Protection Systems in Process Hazard Analysis-Karen Morton</b>	<b>182-Selecting Hydrogen Storage in Saudi Arabia: A Multi-Criteria Framework Integrating FAHP for Uncertainty and Safety-YooJeong Oh</b>	<b>97- Mooring Analysis of Floating Offshore Wind Turbines in Shallow to Intermediate Water Depths- Haidong Lu</b>	<b>132, Cheyna, Guidelines for IPS and SIS</b>
3.00 – 3.30	<b>Coffee Break/ Exhibitor's Presentation</b>					
3.30 – 5.30	<b>Operational Excellence, Best Practices, Worker Involvement</b>	<b>Risk Assessment</b>	<b>Process Safety Automation</b>	<b>Accident Modelling</b>	<b>Ocean Safety Day</b>	<b>Test Considerations</b>
3.30 – 4:00	<b>161-Elevating Process Safety through Incident-Driven Insights and KPI Optimization; The SASREF Model.-Saeed Alzahrani</b>	<b>67-How PowerBI and an Improved Offshore QRA Tool Enable Faster and Better Risk Decisions-Ganesh Mohan</b>	<b>3-Fundamentals of AI - Creation of a HAZOP Automation and Augmentation Tool-Edward Marszal</b>	<b>44-COMMON PSM GAPS REVEALED IN WORLDWIDE FATAL PROCESS SAFETY INCIDENTS-Sheraz Syed</b>	<b>189- Reliability Assessment of Floating Offshore Wind Platforms Susceptible to the Pitch Motion in Random Loads- Weishan Lyu</b>	<b>Workshop 93, Skweres, Thibodaux, and Garcia, Proof Testing</b>
4:00 – 4.30	<b>106-Optimizing Process Safety for Operational Excellence-Muhammad Iqbal Qasim</b>	<b>17-Project Safety Analysis (PSA): A Tool For Reducing Risk by Participative Development of a Project-Specific Hazard Control and Safety Plan-David Breeding</b>	<b>26-Process Control and Safety Operation-Hans Sauer</b>	<b>65-Lifting the Veil: A Decade of Research Reveals New Thinking and Industry Trends in Human Factors and Operational Resilience-David Wilbur</b>	<b>48- An Overview of Safety Aspects and Risk Analysis of Critical Events in Offshore Oil Well Drilling Operations- Anilett Benny</b>	
4:30 – 5:00	<b>9-The Role of Process Safety Knowledge Management in Operational Excellence-Tekin Kunt</b>	<b>36-How to get data for your risk assessment and how to use its results? The marvels of expert elicitation and the decision-making process.-Hans Pasma</b>	<b>71-The SIS certification numbers - how hard can it be?-Martin McDonough</b>	<b>206-A comparison between genetic algorithm and integer optimisation for gas detector optimisation based on computational fluid dynamics-Savio Vianna</b>	<b>148- Remote Smart Monitoring of Offshore Wind Plant Components- Mario Rotea</b>	<b>166, Summers and Bukowski, Using Maintenance Records to Support API 754 Tiers 3 and 4 Metrics</b>
5:00 – 5:30	<b>14-Improving Operations Leaders PSM Decision Making-Dave Drerup</b>	<b>68-Phast CFD: A Novel Extension to Onshore QRA Applications-Ganesh Mohan</b>	<b>53-Remote Operations – Plant Design &amp; Safe Operations Strategy-Javeed Mohammed</b>	<b>202-Hybrid CFD/analytical approach to assure safe blanketing of storage tanks-Bjorn Nilberg</b>	<b>192- Multi-fidelity Digital Twins for Prognostics Safety Management of Offshore Wind Plants- D. Todd Griffith</b>	<b>104, Elton, Logic Solver Testing</b>
6.30 - 9.00	<b>BBQ Networking Session (Brazos Center)</b>					

Day 2 - 23-October-2024

7.30 – 8.15						
Breakfast						
8.15 – 9.15						
Plenary Speaker Stacy Noem						
9.15 – 9.25						
Booth Exhibitors Presentation						
9:30-9:45						
Regroup to Breakout Rooms - Coffee Break						
Room	Mockingbird	Amphitheater	Unique1	North	South	Oakwood Ballroom
9.45 – 11.45	<b>Operational Excellence</b>	<b>Accident Modelling</b>	<b>Consequence Analysis, Flammability, Combustion, Explosion</b>	<b>Managing Process Safety:</b>	<b>Functional Safety / Corrosion &amp; Material Failure</b>	<b>Optimizing Reliability</b>
9.45 – 10:15	<b>224-Preventive Risk Engineering: Revolutionizing Insurance Inspections- Rajender Dahiya</b>	<b>39-Counterfactual and rethinking of accident causality: Why inspections cannot prevent all accidents? – He Wen</b>	<b>176-How Important Is the Correct Wind Direction in Your Simulation?-Vinicius Simoes</b>	<b>178-A Common Approach to Toxic Risk Safeguards-Rance Ford</b>	<b>59-Reduce Loss of Containment Safety Risk with Continuous Real-Time Corrosion Monitoring- Michael Machuca</b>	<b>Panel 207, Propst, Instrumentation Reliability</b>
10:15 – 10:45	<b>124-The Institute for Operational Excellence and Learning-Stewart Behie</b>	<b>210-Fire and Explosion Hazards Associated with the Transfer of Powders into Flammable Solvents-Emmanuel Addai</b>	<b>137-Evaluation protocol for BLEVE models- Logan Vogelsong</b>	<b>72-Examining the Feasibility of Common Coverage Targets for Hazard Mapping- William Pittman</b>	<b>18-Is ISA 84.91.03 in agreement with NAMUR NE 165?-Luis Manuel Fernando Garcia Garcia</b>	
10:45 – 11:15	<b>117-Enterprise Loss Prevention: The Path to Achieve Operational Excellence-Dave Drerup</b>	<b>74-How Modeling the Mixing Condition Enable us to Prevent Detonation-Reza Sanij</b>	<b>138-Validation of KFX against dispersion data sets-Logan Vogelsong</b>	<b>222-Hazard Identification at Laboratories &amp; Pilot Plants-Ibrahim Al-Jamaan</b>	<b>1-Process Safety - Protecting People and The Environment-Stefan Mizera</b>	<b>Workshop 122, Shephard, Cognitive Ergonomics</b>
11:15 – 11.45	<b>5-A human-factors-oriented framework for dynamic risk assessments in aviation operations-Nazmul Rahmani</b>	<b>200-Application of Dynamic Simulation for Accurate Relief Rate Estimation and Dispersion Modeling: A Case Study in Process Safety-Reza Sanij</b>	<b>168-Leveraging CFD to Effectively Evaluate Sensitivity to Ignition Locations when Designing for Explosion Loads-Drew Botwinick</b>	<b>8-Enhancing the Implementation Strategy of "Simultaneous Operations (SIMOPS)" for the Major Turnaround at Pertamina Plaju Refinery-Daniswara Krisna Prabatha</b>	<b>195-The Value in Applying Process Safety Management to Enhance Safety in Non-Mandatory Compliance Facilities-Domingo Elias</b>	
11.45-1.00	Lunch					Ethics Training
1.00 – 3.00	<b>Managing Process Safety</b>	<b>Hydrogen Safety</b>	<b>Process Safety Automation and Resilience</b>	<b>Consequence Analysis, Flammability, Combustion, Explosion</b>	<b>Cyberphysical Systems</b>	<b>Upgrading Existing Automation</b>
1:00 - 1:30		<b>193-Quantitative Risk Assessment of Hydrogen Powered Passenger Car in Road Accidents-Mahasin Alam Sk</b>	<b>173-Safety and Productivity Benefits Using Electro-Hydraulic Actuators for Liquid Chemical Feed Control-Mark Ferra</b>	<b>100-Development of a Practical Guidance Document for Determination of Fire Scenarios and Passive Fire Protection Requirements at Oil &amp; Gas Facilities-Onder Akinci</b>	<b>212-Feature Selection Methodology for Developing a Supervised Machine Learning Model for Risk Based Inspection Study on Process Plant Assets-Dheerajkumar R Narang</b>	<b>111, Barton, Grandfather's SIS</b>
1:30 - 2:00	<b>179-Integrating Climate Change Impact on Process Safety Management in the Oil and Gas Industry-Nabila Farhana Binti Jamaludin</b>	<b>50-Detonation cell sizes for hydrogen-methane mixtures-Milin Martin</b>	<b>140-Model-based fault diagnosis for safety-critical chemical reactors: An experimental study-Pu Du</b>	<b>70-Pyrophoric Material Safe Handling &amp; Risk Management Control-Omar Marghalani</b>	<b>89-IT/OT/ICS &amp; IoT Asset Disposition (ITAD): Review of Methods, Standards, and Certifications for Managing Cybersecurity-Kris Hardwick</b>	<b>57, Green, Increase Furnace Capacity</b>
2:00 - 2:30	<b>217-Identification and Performance Analysis of Eco Friendly Fire Retardant on Wood Surface Testing Surfaces with Solved based Paint-Jayandran Mohan</b>		<b>98-Magnetic Nanoparticles as Draw Solute in Forward Osmosis Treatment of Produced Water-Sunith Madduri</b>	<b>126-Multi-BESS Flame Propagation Analysis: A Comparative CFD Study between Open Source and Commercial Software Solutions-Savio Vianna</b>	<b>223-Towards Automating Process Decomposition and Interdependencies Modeling in Heterogeneous Systems-Eman Hammad</b>	<b>131, Fatima, Upgrade Project for Urea Plant</b>
2:30 - 3:00	<b>109-On the use of sufficiency of measure for optimization of safety critical elements register-Darmawan Ahmad Mukharror</b>	<b>80-Domino Effect Analysis of Hydrogen Production and Storage Systems in a diversified facility.-Himesh</b>	<b>203-Chemical Weapons Convention and its relevance to the safety and sustainability of the chemical industry-Sultana Syeda</b>	<b>22-Modeling of the behavior of a gas generating chemical system under runaway conditions during venting-Luc VECHOT</b>		<b>165, Ulaganathan, PSSR as Safeguard</b>
3.00 – 3.30	Break					
3.30 – 5.30	<b>Learning from Incidents, Investigations, Case Histories, Incident Data</b>	<b>Asset Integrity Management</b>	<b>Risk Assessment</b>	<b>Accident Modeling</b>	<b>Risk Assessment</b>	
3.30 – 4:00	<b>130-Numerical Modelling of hydrogen jet fire of storage facilities-Advait Sunil</b>	<b>196-Impact of Impurities in Onboard CO2 Transportation and Storage: A Review-Md Saiful Islam</b>	<b>108-Key performance indicator for assessing quality of qualitative risk assessment – case studies in Indonesia-Darmawan Ahmad Mukharror</b>	<b>199-Enhancing Process Safety in Specialty Chemical Industry through Accurate Estimation of Physical Properties-Reza Sanij</b>	<b>133-Fuzzy Based Failure Mode ,Effect and Criticality Analysis (FMECA) on Tower Crane-Nivedh Renjith Nambiar</b>	
4:00 – 4.30		<b>115-Machine Learning based approach to support Dynamic Risk Assessment in chemical process industries in Kochi, Kerala, India.-KARTHIK RAJEEV</b>	<b>172-Development of Integrated Inherently Safer Design Assessment Framework using Phenomena Identification and Ranking Table (PIRT).-Mardhati Zainal Abidin</b>	<b>39-Counterfactual and rethinking of accident causality: Why inspections cannot prevent all accidents? - He Wen</b>	<b>149-Dynamic Risk Assessment of LPG storage sphere in a Process Industry using Failure Assessment and Bayesian Theory-VIGNESH P NAIR</b>	
4:30 – 5:00	<b>92-Existence of a mitigative measure under more than one element of hierarchy of control measures simultaneously-KRISHNAMOORTHIG</b>	<b>209-INTEGRATION OF PROCESS HAZARD ANALYSIS IN DIGITALTWIN-Arun Shourie Angaluri</b>	<b>114-Stay low-key, unlock the key result indicator for quality metrics of the quantitative risk assessment – case study on eight wellhead platforms in Indonesia-Darmawan Ahmad Mukharror</b>	<b>177-Process Safety in LNG terminals: Challenges and Opportunities-Renjith Ravindran</b>	<b>12-Quantitative Risk assessment of an underground methanol pipeline crossing a city (case study of a 6km methanol pipeline crossing Chababar city)-Mahmood Akbari</b>	
5:00 – 5:30	<b>134-Enhancing Safety Integrity level determination in batch reactor: A comparative study of fuzzy logic augmented layer of protection analysis-Vaishnav Vinod</b>	<b>144-Comprehensive tool for calculating ROSI-Abdul Razak P S</b>	<b>175-Accuracy And Reliability of LOPC Calculations: A Validation Study-Syaza Izyanni Ahmad</b>	<b>143-Dynamic risk analysis of hydrogen storage facility.- E S NAVEEN KRISHNA</b>	<b>153-DYNAMIC FAILURE PROBABILITY ANALYSIS OF URBAN GAS PIPELINE NETWORK-Ahmed Sahal</b>	

ay 3 - 24-October-2024