

<b>Monday, March 25, 2024</b>	
<b>7:00 AM</b>	<b>2024 AIChE Spring Meeting and 20<sup>th</sup> GCPS AGILE Keynote Continental Breakfast</b> Location: Great Hall AD
<b>8:00 AM</b>	<b>Session #: 2024 AIChE Spring Meeting and 20th GCPS AGILE Award Keynote Address</b> Location: Great Hall AD <b>Welcome and Introductions</b> Presented by <b>Alan E. Nelson</b> , AIChE President, and <b>Darlene S. Schuster</b> , Executive Director and Chief Executive Officer, AIChE AGILE Award Keynote Address: <b>“Regeneration: Fuel for the Future”</b> Presented by <b>Mark Lashier</b> , CEO, Phillips 66
<b>9:00 AM</b>	<b>Coffee and Networking Break</b> Location: Hall B-1
<b>9:30 AM</b>	<b>Session #: 20<sup>th</sup> GCPS Welcoming Plenary Session</b> Location: Great Hall AD <b>20<sup>th</sup> GCPS Introduction and Welcome: Shakeel Kadri</b> ( <i>Executive Director &amp; CEO, CCPS</i> ) and <b>Laura Ankrom</b> ( <i>GCPS Chair</i> )  <b>Symposia Chairs:</b> <b>Don Connolley</b> , 39 <sup>th</sup> Center for Chemical Process Safety (CCPS) International Chair <b>Manuel Herce</b> , 58 <sup>th</sup> Annual Loss Prevention Symposium (LPS) Chair <b>Ian Mylenbusch</b> , 26 <sup>th</sup> Process Plant Safety Symposium (PPSS) Chair <b>Bill Mosier</b> , 13 <sup>th</sup> Process Safety Management Mentoring (PSMM) Chair <b>Eduardo Francisco</b> , Perspectives on Process Safety from Around the World Chair  Plenary Keynote Address: <b>“Process Safety - Challenges &amp; Approach for the 21st Century”</b> Presented by <b>Yatendra Lodha</b> , Group Head - Safety & Operational Risk (S&OR) Reliance Industries Limited
<b>10:20 AM</b>	<b>Break</b>

	<b>39<sup>th</sup> Center for Chemical Process Safety International Conference (CCPS)</b>	<b>58<sup>th</sup> Annual Loss Prevention Symposium (LPS)</b>	<b>26<sup>th</sup> Process Plant Safety Symposium (PPSS)</b>	<b>13<sup>th</sup> Process Safety Management Mentoring (PSMM)</b>	<b>Perspectives on Process Safety from Around the Globe</b>
	<i>Session #: Perspectives on Human Performance for Operational Excellence</i> Location: 217-218 <b>Co-Chairs: Jeff Fox, Chris Israni</b>	<i>Session #: Garbage In, Garbage Out: Impact of Technical Quality Failures on Process Safety</i> Location: 210 <b>Co-Chairs: Sebastian Chialvo, Soham Dutta</b>	<i>Session #: Knowledge Transfer: Combatting the Half-life of Institutional Memory</i> Location: 220-221 <b>Co-Chairs: Katherine Prem, Valecia Murphy</b>	<i>Session #: Tutorials: Process Plant Safety Symposium (PPSS)</i> Location: 222 <b>Co-Chairs: Srihari Maganti, Freeman Self, Gaurav Arora</b>	<i>Session #: Portuguese Session: Gestão da Segurança de Processos baseada em Risco I</i> Location: 223 <b>Co-Chairs: Bruno Esperandio, Fabio Rossi</b>
<b>10:30 AM</b>	Using Behavioral Science to Improve Understanding of Motivational and Management Systems <i>Angie Lebbon</i>	Can Your Maintenance Data Records Support API 754 Metrics? <i>Angela Summers</i>	Enhancing Process Safety through Chatbots: Exploring Challenges and Potential <i>Sahand Faraji and Sean Dee</i>	Unlocking Value Proposition for the Pre-Startup Safety Review (PSSR) <i>Seckin Gökçe</i>	Overview of Risk-Based Decision-Making Methodologies and Scenario Prioritization in Bow Tie Analysis: Unveiling Benefits and Challenges <i>Deyse Camara</i>
<b>11:00 AM</b>	Human Performance Deployment at Chemours <i>Elliot Wolf-Stokes</i>	Case Studies from Dust Hazard Analyses <i>Michelle Murphy</i>	AI-PSM: Where Are We Now? <i>Rainer Hoff</i>	Square Pegs in Round Holes: Avoiding Inappropriate Methods When Considering PHA and LOPA Scenarios <i>Mikaela Dressendorfer</i>	Implementation Methodology of Third Part Interference Frequency Reduction Using ISO 13.623 <i>Vitor Esposito</i>
<b>11:30 AM</b>	BP's Journey with Human Performance <i>Sandra Adkins</i>	Lessons Learned from Battery Energy Storage Systems (BESS) Hazard Analyses <i>Veronica Goldsmith</i>	AI and Process Safety -- Some Cautionary Observations <i>Walter Frank Jr.</i>	Process Safety Campaigns for Reinstating Sense of Vulnerability <i>Venkata Sainath Garimella and Senthilraja Mani</i>	Dynamic Barriers Monitoring in the Mining Industry and Its Contribution to Process Safety <i>Hellen Mello</i>
<b>12:00 PM</b>	Luncheon with Speaker: <b>Teresa Keating</b> , Global Director Business Operations Performance Materials & Coatings, Dow <b>“What’s the Worst That Can Happen?”</b> Location: Great Hall AD				

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	<i>Session #: Learning from Experience</i> Location: 217-218 <b>Co-Chairs: Eddie Dalton, Robert Coover</b>	<i>Session #: Fires, Explosions, Combustible Dust, and Chemical Reactivity I</i> Location: 210 <b>Co-Chairs: Katie Mulligan, Amy Theis, Jérôme Taveau</b>	<i>Session #: Hello Sustainability - Remember to Consider Process Safety and Inherently Safer Design</i> Location: 220-221 <b>Co-Chairs: Julie White, Nicole Loontjens</b>	<i>Session #: The Faces of Process Safety: Process Safety Mentoring for Our IDEAL Workforce</i> Location: 222 <b>Co-Chairs: Brent Cox, Swarup Bade</b>	<i>Session #: Portuguese Session: Gestão da Segurança de Processos baseada em Risco II</i> Location: 223 <b>Co-Chairs: Bruno Esperandio, Fabio Rossi</b>	<i>Session #: 20th GCPS Best-of-the-Best Spotlight I</i> Location: 208-209 <b>Co-Chairs: Fred Henselwood, Sean Dee</b>
<b>1:30 PM</b>	Enhanced Integration of Mechanical Integrity with HAZOP and LOPA <i>John Perez</i>	A Practicable Approach to Reactive Pressure-Relief System Design for Multi-Purpose Vessels <i>Casey Houston</i>	A Detailed Strength, Weakness, and Opportunity Analysis of Existing Sustainability Metrics and the Case for Process Safety Inclusion <i>Mitchell Huffman</i>	Frontline DEI: How to Design and Integrate Inclusion into Team Processes <i>Jody Jahn</i>	Ammonia Mitigation System for Large Release Scenario in Storage Tanks - a Case Study <i>Hormando Leocádio</i>	Beyond HAZOP and LOPA – Four Different Company Approaches <i>Wayne Chastain</i>
<b>2:00 PM</b>	Sharing SABIC Learning from Real-World Incidents in Developing Emergency Isolation Valves Standard to Enhance SABIC Emergency Response Capabilities <i>Ali H. Bazroun</i>	Considerations for the Safe Handling and Processing of Unstable Materials <i>Brian Ott</i>	Application of Inherently Safe Principles to Projects <i>Tim Hoff</i>	Inclusion and Incorporation of DEI into Safeguards, Safety Culture, and Safety Protections <i>Michael Washington</i>	Application of Process Safety in Capital Projects - Characteristics Applicable to the Mining Industry <i>Rodrigo Horta</i>	Large Scale Testing Confirms: A Deflagration to Detonation Transition Needs to be Considered in Facility Siting <i>Scott Davis</i>
<b>2:30 PM</b>	Understanding Major Process Incidents through the Swiss Cheese Model <i>Rajender Dahiya</i>	I've Identified Overpressure Caused by Tube Failure and Subsequent Chemical Reaction as a Credible Scenario during My PHA, Now What? <i>Elizabeth Raines Meegan</i>	Facility Siting Study for Carbon Capture, Utilization & Storage (CCUS) Onshore Hubs <i>Soraya Malik</i>	Allyship: Can we reach our IDEAL goals without it? <i>Katie Mulligan</i>	Dynamic Process Safety Barriers Management at Petrobras: Challenges for Data Integration <i>Sandro Malvao</i>	Are Unconfined Hydrogen Vapor Cloud Explosions Credible? <i>Kelly Thomas</i>
<b>3:00 PM</b>	<b>Coffee and Networking Break</b>					

Location: Hall B-1						
	<b>39<sup>th</sup> Center for Chemical Process Safety International Conference (CCPS)</b>	<b>58<sup>th</sup> Annual Loss Prevention Symposium (LPS)</b>	<b>26<sup>th</sup> Process Plant Safety Symposium (PPSS)</b>	<b>13<sup>th</sup> Process Safety Management Mentoring (PSMM)</b>	<b>Perspectives on Process Safety from Around the Globe</b>	<b>Process Safety Spotlight</b>
	<i>Session #: Process Safety in a Climate Friendly Future World</i> Location: 217-218 <b>Co-Chairs: Brooke Beveridge, Davide Moncalvo</b>	<i>Session #: Fires, Explosions, Combustible Dust, and Chemical Reactivity II</i> Location: 210 <b>Co-Chairs: Katie Mulligan, Amy Theis, Jérôme Taveau</b>	<i>Session #: Implementing Facility Siting Study Recommendations</i> Location: 220-221 <b>Co-Chairs: Srihari Maganti, Sanjeev Saraf</b>	<i>Session #: What Is Process Safety Culture and How Does It Apply to Me?</i> Location: 222 <b>Co-Chairs: Dave Moore, Lauren Caldwell</b>	<i>Session #6: Portuguese Session: Gestão da Segurança de Processos baseada em Risco III</i> Location: 223 <b>Co-Chairs: Bruno Esperandio, Fabio Rossi</b>	<i>Session #: 20th GCPS Best-of-the-Best Spotlight II</i> Location: 208-209 <b>Co-Chairs: Fred Henselwood, Sean Dee</b>
<b>3:30 PM</b>	Safe Design Consideration for Power-to-X and Carbon Capture Processes <b>Abdulrehman Aldeeb</b>	Integrating Process Development and Safety Analysis for Scale-up of a Diborane-Generating Reduction Reaction <b>Ruifeng Zhao</b>	The Urgency of Risk-Based Facility Siting of Carbon Dioxide Pipelines <b>Russell Ogle</b>	Know Your Enemy – the Seven Deadly Sins of Process Safety <b>Sean Classen and Fred Lewis</b>	Reliability in Mass Alert System for Dam Emergencies: Case Study of Vale <b>Flavio Thimotio</b>	Distillation Column Explosion <b>Brenton Cox</b>
<b>4:00 PM</b>	Effective Management of Process Safety and Fire Risks at Battery Energy Storage Systems (BESS) <b>Brian Keith</b>	How to Accurately Predict Thermal Runaway: Experimental Study Involving LAB-Scale and Full-Scale TESTS <b>Scott Davis GexCon</b>	Building Design Requirements – Utilizing Your Facility Siting Study Effectively <b>Karen Vilas</b>	Process Safety Culture Challenges in Developing Region <b>Usman Ali</b>	Reduction of Process Accidents Based on API RP 754, by Improving the Safety Culture Measured by the Hearts & Minds Index <b>Eduardo Zuin</b>	Ten Years of Walk the Line <b>Jerry Forest</b>
<b>4:30 PM</b>	Process Safety in Bioenergy with Carbon Capture and Storage (BECCS) Systems <b>Russell Ogle</b>	Thermal Hazard Evaluation of 1-Hydroxybenzotriazole Hydrate By DSC, ARC, and Calvet Calorimeter (C80) <b>Jiliang He</b>	Implementing Facility Siting Study Recommendations – Lessons Learned <b>Larry Leopard</b>	Establishing Process Safety Culture Framework and Developing Behavioral Competency <b>Venkata Sainath Garimella, Senthilraja Mani and John Peter Smiles</b>	When Should We Go Beyond Empirical Analysis <b>Vinicius Simoes</b>	Beyond Vision 20/20 (2020) <b>Kathy Kas</b>
<b>5:00 PM</b> –	<i>Session #: Spring Meeting &amp; GCPS Poster Session and Cocktail Reception</i> Location: Hall B-1					

7:00 PM					
<b>Tuesday, March 26, 2024</b>					
	<b>39<sup>th</sup> Center for Chemical Process Safety International Conference (CCPS)</b>	<b>58<sup>th</sup> Annual Loss Prevention Symposium (LPS)</b>	<b>26<sup>th</sup> Process Plant Safety Symposium (PPSS)</b>	<b>13<sup>th</sup> Process Safety Management Mentoring (PSMM)</b>	<b>Perspectives on Process Safety from Around the Globe</b>
	<i>Session #: Don't Pardon the Dust – Risk-Based Approaches to Managing Combustible Dust Hazards</i> Location: 217-218 <b>Co-Chairs: Ammar Alkhawaldeh, Brenton Cox</b>	<i>Session #: Facility Siting, Consequence Analysis, and Risk Assessment I</i> Location: 210 <b>Co-Chairs: Jatin Shah, Morgan Reed, Kristen Graham</b>	<i>Session #: Improvement of PHA Leadership and Study Outcomes I</i> Location: 220-221 <b>Co-Chairs: Philip M. Myers, Fred Gregory</b>	<i>Session #: Tutorials: Loss Prevention Symposium (LPS)</i> Location: 222 <b>Co-Chairs: Jessica Morris, Theresa Lewis, Amy Theis, Caitlin Mullan</b>	<i>Session #: Portuguese Session: Gestão da Segurança de Processos baseada em Risco IV</i> Location: 223 <b>Co-Chairs: Bruno Esperandio, Fabio Rossi</b>
<b>8:00 AM</b>	Benefits of Customizing Dust Hazard Controls to Meet Your Needs <i>Ed Gaither</i>	Optimization of QRA Tools & Power BI Interrogation to Support Agile Risk-Informed Decision Making <i>Ganesh Mohan</i>	Adapting PHA Facilitation Techniques in Response to a Shortage of Facilitators <i>John Perez</i>	Reactive Chemicals Hazard Introduction: An Industrial Perspective <i>Katie Mulligan</i>	Main Challenges in the Operational Safety Management of Offshore Oil and Gas Production Platforms in the Design and Commissioning Phase, in the View of the Brazilian Regulator <i>Thiago da Silva Ormonde</i>
<b>8:30 AM</b>	Explosion Protection Methods: A Deep Dive <i>Michelle Murphy</i>	Using Time-Varying QRA to Evaluate Hazards during a Turnaround or Temporary Operations <i>Colin Armstrong</i>	Optimizing PHAs While Maximizing Brainstorming <i>William Bridges</i>	Hazard Analysis and Risk Assessment Methods: How to Choose... <i>Mike Moosemiller and Nathan Knochel</i>	Dynamic Process Safety Barriers Management: Challenges in the Governance of the Dynamic Monitoring Process in a Petrobras Business Unit <i>Luciana Heil</i>
<b>9:00 AM</b>	Metal Dust - Not Just Another Combustible Dust <i>Stephen Lattanzio</i>	A Novel Approach to Strengthening Conventional Light Wood Trailer Portable Buildings <i>Gabriel Shelton</i>	Enhancing PHA Facilitation through Elicit-Provide-Elicit Method: A Novel Approach Inspired by Motivational Interviewing <i>Brandon Morris</i>	How to Mitigate Reactive Hazards <i>Sara Townsend</i>	
<b>9:30 AM</b>	<b>Coffee and Networking Break</b> Location: Hall B-1				

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	<i>Session #: Advances and Innovations to Drive Highly Effective Asset Integrity Programs</i> Location: 217-218 <b>Co-Chairs: Neal Muller, Paul Osterberg</b>	<i>Session #: Facility Siting, Consequence Analysis, and Risk Assessment II</i> Location: 210 <b>Co-Chairs: Jatin Shah, Morgan Reed, Kristen Graham</b>	<i>Session #: Improvement of PHA Leadership and Study Outcomes II</i> Location: 220-221 <b>Co-Chairs: Rainer Hoff, Ryan Ford</b>	<i>Session #: Lies We Tell Ourselves - Cognitive Bias and Human Factors in Process Safety</i> Location: 222 <b>Co-Chairs: John Wincek, Chris Israni</b>	<i>Session #: Spanish Session: Marcos de gestión e implementación PSM</i> Location: 223 <b>Co-Chairs: Heber Varela, Matias Massello</b>
<b>10:15 AM</b>	Reducing Risk Using Real-Time Monitoring of Integrity Operating Windows in an Integrated RBI Program <i>Abdulrehman Aldeeb</i>	A Comprehensive Pipeline Source Term Model for Pressurized/Flashing Liquids in Phast/Safeti (PIPEBREAK-II) <i>Adeyemi Oke</i>	Improving PHA Outcomes to Better Manage Critical Controls in Mining Industry - from PHA to Verification in the Field <i>Christophe Catala</i>	Viewing Human Factors as Part of Process Safety <i>Julie Kister</i>	Estrategias Para La Optimización Del Proceso De Revisión De Seguridad Previa a La Puesta En Marcha <i>Luis Landa</i>
<b>10:45 AM</b>	A Digitalized, Cumulative Risk Management Approach to Maintenance Backlog Prioritization on High Hazard Installations <i>Tayo Olusanya</i>	Advanced Consequence Modeling and Risk Analysis <i>John Currie</i>	Cooking up the Ideal Recipe for PHA Facilitation <i>Alison Ballon</i>	Implementing Human Performance Improvement (HPI) in the Oil & Gas Industry: A Transformative Approach Journey <i>Nurul Izzah Yaakub</i>	Arquetipos De Liderazgo Y Sentido De Vulnerabilidad cómo Impulsar Culturas De Seguridad De Procesos Sostenibles, Basadas En La Disciplina Operacional, a Través Del Liderazgo <i>Martin Fernandez</i>
<b>11:15 AM</b>	Dual Benefits of Damage Mechanism Reviews <i>Dheerajkumar Narang</i>	Fire Impairment Analysis for Designing Offshore Depressurization System <i>Soraya Malik</i>	Ensuring Success in the Process Hazard Analysis: The Imperative of Accurate and Accessible Process Safety Information <i>Morgan McVey</i>	Duck, Duck, Black Swan: A Psychological Dive into How the Human Brain Can Dangerously Simplify High Consequence, Low Frequency Events <i>William Sharpe</i>	Lecciones Aprendidas En La Implementación De PSM: Priorizando Adherencia Bajo Un Enfoque Centrado En Elementos Comunes – Sgcec <i>F. Henao</i>
<b>11:45 AM</b>	Luncheon with Speaker: <b>Michael Lefenfeld</b> , CEO, Hexion <b>“Engineering for Innovation and Growth: Creating World Class R&amp;D and Manufacturing Organizations Focused on Accelerating Growth”</b> Location: Great Hall AD				

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	<i>Session #: Winning the Hearts and Minds – Excellence in Process Safety Culture I</i> Location: 217-218 <b>Co-Chairs: John Champion, Margery Kosch</b>	<i>Session #: Transportation Safety and Risk Analysis</i> Location: 210 <b>Co-Chairs: Jessica Morris, Henry Dwight</b>	<i>Session #: QRA and LOPA: Beyond a PHA</i> Location: 220-221 <b>Co-Chairs: Jenniffer Villalobos, Daniel Forest</b>	<i>Session #: What I Want to Be When I Grow Up - Careers in Process Safety</i> Location: 222 <b>Co-Chairs: Wayne Chastain, Alison Ballon, Nathan Markham</b>	<i>Session #: Process Safety Activities in China I</i> Location: 223 <b>Co-Chairs: Dongfeng Zhao, Meng Yi Fei, YiFeng Chen</b>
<b>1:30 PM</b>	Improving Process Safety Culture Through Behavioral Based Safety <i>David Heller</i>	Thermal Protection Assessment on a Railcar Transporting Hazardous Material <i>Sebastian Chialvo and Alejandro Jimenez</i>	Exploring the ALARP Zone <i>Nicole Loontjens</i>	Build Your Dream Career – A Process Safety Nerd’s Guide <i>Amanda Geither</i>	The Growth of Process Safety Practice in China <i>Dong Feng Zhao</i>
<b>2:00 PM</b>	Walk the Talk <i>Jerry Forest</i>	CO2 Pipeline Dispersion Modeling Comparison <i>Cynthia Spitzenberger</i>	Application and Challenges of Layer of Protection Analysis (LOPA) in Mining Processes: Insights into Benefits and Limitations <i>Laura Anato</i>	The Lodal Half-Century: How I Got From Where I Was to Where I Am <i>Pete Lodal</i>	The Role of Company Management in Establishing A Strong Process Safety Program and Culture <i>Scott Berger</i>
<b>2:30 PM</b>	Process Safety Maturity Assessment Tool <i>Joey Cranston</i>	Quantitative Risk Analysis Applied to Transportation of Acute Toxic Chemicals <i>Rafael Callejas-Tovar</i>	When to Switch from LOPA to Focused QRA <i>Edward Marszal</i>	An Unanticipated Career Path <i>Hope Luebeck</i>	PSM Best Practices of Wanhua <i>Chen Yifeng</i>
<b>3:00 PM</b>	<b>Coffee and Networking Break</b> Location: Hall B-1				

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	<i>Session #: Winning the Hearts and Minds – Excellence in Process Safety Culture II</i> Location: 217-218 Co-Chairs: John Champion, Margery Kosch	<i>Session #: Emergency Planning and Response</i> Location: 210 Co-Chairs: Seshu Dharmavaram, Sanjeev Saraf	<i>Session #: Yoda Panel - Bridging Generations with Yoda and Grogu</i> Location: 220-221 Co-Chairs: Jerry Forest, Katherine Prem	<i>Session #: What is Lurking Under the Radar? Process Safety Essentials You Need to Know</i> Location: 222 Co-Chairs: Cynthia Spitzenberger, Steve Hawkins	<i>Session #: Process Safety Activities in China II</i> Location: 223 Co-Chairs: Dongfeng Zhao, Meng Yi Fei, YiFeng Chen
<b>3:30 PM</b>	Leading by Example: Culture, Leadership & Accountability <i>Michael Broadribb</i>	Strategic Emergency Planning – Case Study for a Gas Separation Plant <i>Stuart Chia</i>	<i>Yodas:</i>  <i>Rodney Porter</i> <i>PEMEX Deer Park</i>	Decoding SIS: Are You Doing What's Necessary to Prevent Disasters? <i>Joel Ramirez and Emily Henry</i>	How to Improve Process Safety Leadership <i>Haoshui Wang</i>
<b>4:00 PM</b>	The Intersection of HOP and OD – the Next Logical Step in Our Journey <i>Elliot Wolf-Stokes</i>	Digitizing Emergency Response: Risks and Opportunities of Emerging Technology for Incident and Emergency Responders <i>Gareth Black</i>	<i>Shakeel Kadri</i> <i>Center for Chemical Process Safety</i>  <i>Tracey Carter</i> <i>Northeastern University</i>	Managing Contractors and Hot Work Activities at PSM Facilities Using Electronic Control of Work <i>Marc Juaire</i>	Five Myths on Electrostatic Ignition Sources <i>Guibing Zhao</i>
<b>4:30 PM</b>	Keeping the Tiger in the Cage <i>Paul Gathright</i>	Fire Safety Design Philosophy (FSDP): Guideline for Oil, Gas and Petrochemical Industries <i>Nurul Izzah Bt Yaakub</i>	<i>Grogus:</i>  <i>Chris Englebert</i> <i>SABIC</i>  <i>Danny Forest</i> <i>American Chemistry Council</i>  <i>Stella Manning</i> <i>LyondellBasell</i>	Blue Skies, Green Risk Matrices – Managing the Hazards Associated with Air Pollution Control Equipment <i>Brenton Cox</i>	Practical Sharing of Process Safety Management Assessment in China <i>Zhou Chao</i>



Wednesday, March 27, 2024					
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	<i>Session #: Continuous Improvement with RAGAGEP – Managing Changing Standards and Best Practices</i> Location: 217-218 Co-Chairs: J. Wayne Chastain, James Green	<i>Session #: Hydrogen Safety</i> Location: 210 Co-Chairs: Qingsheng (Sam) Wang, Trey Morrison, Rima Lahiri	<i>Session #: Identification, Verification, and Validation of Independent Protection Layers (IPLs) and Safeguards</i> Location: 220-221 Co-Chairs: Lydia Wright, Swarup Bade	<i>Session #: Tutorials: Center for Chemical Process Safety (CCPS) International Conference</i> Location: 222 Co-Chairs: Soham Dutta, Scott Haney, Pam Nelson	<i>Session #: Spanish Session: Análisis Técnicos de riesgos y barreras</i> Location: 223 Co-Chairs: Heber Varela, Matias Massello
8:00 AM	Best Practices for Documenting RAGAGEP in Process Safety Information <i>Brian Desrosiers</i>	Analysis on a Catastrophic Rupture of Liquid Hydrogen Tank Incident <i>Amy Shen</i>	Independent Protective Layers and Human Response: Using Human Factors Principles for Verification of Effectiveness of Safeguards <i>Sarah Acton</i>	Common Mistakes with the Application of a Risk Matrix <i>Timothy Stirrup and Kelsey Forde</i>	Como Incorporar y Analizar Los Modos No Rutinarios (Arranque, Parada y Mantenimiento en línea) En Los PHAs De Manera Eficiente <i>Matias Massello</i>
8:30 AM	The Meaning of “Should” <i>Mike Hazzan</i>	CFD Simulation and Machine Learning Surrogate Modeling for Consequence and Risk Assessment of Leakage, Dispersion, Fire, and Explosion of FCEV Hydrogen Storage Tanks <i>Youngmin Jung and Dongil Shin</i>	Ensuring Your Process Safeguards Stand Ready! How to Make Sure You're Relying on the Right Safeguards in a Process Hazards Analysis <i>Richard Carter</i>	Major Chemical Safety Incidents – a Review <i>Dana Garber</i>	Las Capas De Protección Independientes Tipo Scai, Aquí y Más Allá Del LOPA. ¿Cómo Gestionar Su Integridad? <i>Romel Rodriguez</i>
9:00 AM	How to Apply GHS for Classifying Process Safety Events Via ANSI/API RP 754 <i>Eric Atkins</i>	Strategies to Safely Manage the New Hydrogen Technology <i>Scott Davis</i>	Observing Your LOPAs in the Wildfield Validation of LOPA Assumptions in Operating Plants <i>Anthony Downes</i>	Finishing Well - Thoughts and Lessons from an Ideally Managed PSM Facility <i>Doug Sinitiere and Colby Plaia</i>	Dispositivos De Alivio En Sistemas De Hidrógenos. ¿Un Peligro Escondido? <i>Alejandro Jimenez</i>
9:30 AM	Coffee and Networking Break Location: Hall B-1				

	<b>39<sup>th</sup> Center for Chemical Process Safety International Conference (CCPS)</b>	<b>58<sup>th</sup> Annual Loss Prevention Symposium (LPS)</b>	<b>26<sup>th</sup> Process Plant Safety Symposium (PPSS)</b>	<b>13<sup>th</sup> Process Safety Management Mentoring (PSMM)</b>	<b>Perspectives on Process Safety from Around the Globe</b>
	<i>Session #: Effective Process Safety Management Programs</i> Location: 217-218 <b>Co-Chairs: Michell LaFond, James Martin</b>	<i>Session #: Instrumented Safeguards and Cybersecurity</i> Location: 210 <b>Co-Chairs: Katherine Pearson, Kathleen A. Kas</b>	<i>Session #: Process Safety Value Proposition</i> Location: 220-221 <b>Co-Chairs: Kathy Shell, Jack Chosnek</b>	<i>Session #: The Day PSM Hit Home</i> Location: 222 <b>Co-Chairs: John Champion, Alyse Keller</b>	<i>Session #: Spanish Session – Tecnología y herramientas para PSM</i> Location: 223 <b>Co-Chairs: Heber Varela, Matias Massello</b>
<b>10:15 AM</b>	The Elusive Nature of Competency <i>John Herber</i>	Using Human Factors to Improve Cybersecurity <i>Patrick O'Brien</i>	Implementing Simultaneous Operations at Superior Refinery <i>Brian Steinke and Ola Olamilehin</i>	Friday Night in the ER <i>Jerry Forest</i>	<i>Análisis De Escenario Natech: Derrame De Hidrocarburo Desencadenado Por EL Impacto De Fenómeno Hidrológico Extremo (INUNDACIÓN) EN Tanque De Almacenamiento</i> <i>J. A. Del Vasto Urueña Sr. and C. López Pérez</i>
<b>10:45 AM</b>	PSM Issues from Non-Operational Departments <i>William Bridges</i>	OT Cybersecurity: What Is This All about? <i>Randal L. Montgomery and Blake Benson</i>	"Selling" Process Safety Concepts for Non-PSM Applications <i>Ed Gaither</i>	Fame or Blame do not heal the pain of losing loved ones <i>Chris Israni</i>	Distributed Control System (DCS) for the Operation and Analysis Process Safety (DCS-PS) <i>Javier Acevedo</i>
<b>11:15 AM</b>	Lost in Translation: Acknowledging Language Limitations in Process Safety <i>Dalia Davila</i>	Managing the Broken SIS through Peak Risk Analysis <i>Kedar Hanmant Kottawar and Jyoti Sharma</i>	CAPTUER – Using Digital Technology for Effective and Efficient Procedures <i>Elliot Wolf-Stokes and Rob Fisher</i>	My Long Road from Longford <i>Trish Kerin</i>	Cosechando La Potencia De La Inteligencia Artificial-AI y Tecnologías Avanzadas Para La Seguridad De Procesos <i>Cesar Puma</i>
<b>11:45 AM</b>	Luncheon with Speaker: <b>Rafael Bittar</b> , Executive Vice President and Chief Technical Officer, VALE <b>“Process Safety &amp; Tailings Management: The VALE Journey After B1 Tailings Dam Failure”</b> Location: Great Hall AD				

<b>1:30 PM</b>	<b>Session: Case Histories and Lessons Learned – GCPS Joint Session</b>
–	Location: Great Hall AD
<b>5:00 PM</b>	<b>Co-Chairs: Lauren Moyer, Katie Mulligan, Tracy Carter</b>
<b>1:30 PM</b>	<b><i>Opening Remarks and Best Paper Awards</i></b>
<b>1:45 PM</b>	Human Factors in Transient Operations – the Story of a Train Derailment <b><i>Trish Kerin</i></b>
<b>2:15 PM</b>	Qualitative and Quantitative Natural Disaster Assessment and Scorecard for Chemical Plants <b><i>Michael Washington</i></b>
<b>2:45 PM</b>	Unraveling Reactive Chemicals Mysteries: Cognitive Bias Effects on an Incident Investigation <b><i>Robert Bellair</i></b>
<b>3:15 PM</b>	<b><i>Break</i></b>
<b>3:30 PM</b>	Lessons learned in confined space entry management after a gas poisoning accident in China <b><i>Ron Willey</i></b>
<b>4:00 PM</b>	This Has Been Going On for Years - Inside a Reactive Incident Investigation <b><i>William Steiner</i></b>
<b>4:30 PM</b>	Diagnosing Electrostatic Problems and Hazards in Industrial Processes: Case Studies <b><i>Paul Cartwright</i></b>
<b>5:00 PM</b>	<b><i>Closing Remarks</i></b>