

Monday, April 7, 2025	
7:00 AM	2025 AIChE Spring Meeting and 21st GCPS AGILE Keynote Continental Breakfast Location: TBD
8:00 AM	<i>Session #:</i> 2025 AIChE Spring Meeting and 21st GCPS AGILE Award Keynote Address Location: Trinity Ballroom Welcome and Introductions Presented by Joseph Smith , AIChE President AGILE Award Keynote Address: “A World Without Chemistry” Presented by Rebecca Liebert , President and Chief Executive Officer, The Lubrizol Corporation
9:00 AM	Coffee and Networking Break Location: Trinity Exhibit Hall
9:30 AM	<i>Session #:</i> 21st GCPS Welcoming Plenary Session Location: Trinity Ballroom 21st GCPS Introduction and Welcome: Shakeel Kadri (<i>Executive Director & CEO, CCPS</i>) and Irfan Shaikh (<i>GCPS Chair</i>) Symposium Chair: Lauren Moyer , 40 th Center for Chemical Process Safety (CCPS) International Chair Katie Mulligan , 59 th Annual Loss Prevention Symposium (LPS) Chair Tracy Carter , 27 th Process Plant Safety Symposium (PPSS) Chair Todd Drennen , 14 th Process Safety Management Mentoring (PSM ²) Chair Eduardo Francisco , Perspectives on Process Safety from Around the World Chair Plenary Keynote Panel: “50 Years of CCPS – Past, Present and Future” Panelists: Pete Lodal , D&H Process Safety Samantha Scruggs , Archaea Energy, A bp Company Scott Link , NOVA Chemicals Moderator: Shakeel Kadri (<i>Executive Director & CEO, CCPS</i>)
10:20 AM	Break

10:30 AM – 12:00 PM	40 th Center for Chemical Process Safety International Conference (CCPS)	59 th Annual Loss Prevention Symposium (LPS)	27 th Process Plant Safety Symposium (PPSS)	14 th Process Safety Management Mentoring (PSM ²)	Perspectives on Process Safety from Around the Globe
	<i>Session #: 40th Anniversary of CCPS: Learning from the Past, Looking to the Future</i> Location: Cortez AB Co-Chairs: Fred Henselwood & Neal Muller	<i>Session #: Modeling for Risk Quantification</i> Location: Coronado CD Co-Chairs: Manuel Herce & Sebastian Chialvo	<i>Session #: Process Safety Challenges: Today and in the Future</i> Location: Coronado A Co-Chairs: Phillip M. Myers & Ryan Ford	<i>Session #: Tutorials in Loss Prevention Symposium (LPS)</i> Location: Cortez CD Co-Chairs: Trey Morrison & John Herber	<i>Session #: Portuguese Session: Gestão da Segurança de Processos baseada em Risco I</i> Location: Coronado B Co-Chairs: Fabio Rossi & Luana Marques
	<i>Cheryl Grounds CCPS Emeritus</i>	Boiling Ammonia Pools – Evaporation and Dispersion Models Validation <i>Mike Harper DNV</i>	Temporary Equipment Risk <i>Sarah Schaaf Chevron</i>	Assessing Reactive Hazards: What’s the Right Tool for Me? <i>Sara Townsend Fauske & Associates</i>	Dynamic management system for process safety barriers based on the risk hierarchy <i>I. Brito Transpetro</i>
	<i>Scott Berger CCPS Emeritus</i>	Comparison of BLEVE Models on TTF Basis <i>Thomas Butts Blue Engineering</i>	A New Look at Safety Metrics in a World of Evolving Operational Practices <i>Julia Bukowski and William Goble Villanova University and exida, LLC</i>	Process Design for Energetic Chemical Reactions <i>Bradley Silva and John Wincek DEKRA Process Safety</i>	AI- Based Tool for Creating “What Ifs” and Process Safety Risks <i>R.Souza Jr Aperam</i>
	<i>Shakeel Kadri CCPS</i>	What Is the Impact of Dynamic Flare System Design on Cost, Safety, and Environment? <i>Joannah Otashu Siemens</i>	In What Extent Is Climate Risk Considered for Safer and Sustainable Operation of Offshore Assets? <i>João Antônio Pereira de Paula DNV</i>	Understanding Potential Process Safety Events Using Dispersion Modelling <i>John Currie Dow Chemical</i>	Optimizing Operational Security: Prioritizing Critical Barriers in Offshore Units <i>L. H. Figueira Petrobras</i>
12:00 PM	Luncheon with Speaker: George Michael Finelli , Chief North America Officer and President, Syensqo Location: Trinity Ballroom				

	40th Center for Chemical Process Safety International Conference (CCPS)	59th Annual Loss Prevention Symposium (LPS)	27th Process Plant Safety Symposium (PPSS)	14th Process Safety Management Mentoring (PSM²)	Perspectives on Process Safety from Around the Globe
1:30 PM – 3:00 PM	<i>Session #: Building Process Safety Culture through Influential and Inspirational Leadership</i> Location: Cortez AB Co-Chairs: Michell LaFond & Brian Desrosiers	<i>Session #: The Technology of Process Safety</i> Location: Coronado CD Co-Chairs: Amy Theis, Kristen Graham & Elena Prats	<i>Session #: Process Safety for Sustainability Projects and Operations</i> Location: Coronado A Co-Chairs: Julie White & Nicole Loontjens	<i>Session #: What I Want to be When I Grow Up</i> Location: Cortez CD Co-Chairs: Scott Haney, Olivia Andrews & Caitlin Mullan	<i>Session # Process Safety in Mining, Metals, and Minerals I</i> Location: Coronado B Co-Chairs: C.Catala, B.Esperandio & G.Peron
	Frontline Worker Empowerment – The Biggest Key to Process Safety Implementation William Bridges <i>Process Improvement Institute</i>	Non-Intrusive Fitness for Service Evaluations of Critical Non-Metallic Aboveground Storage Tanks (ASTs): Ashland, Inc. Case Study Ray Vermillion <i>Ashland</i>	ISD (Inherently Safer Design) Considerations for Blue Ammonia Projects Chee Ong <i>BP</i>	My PSM Toolkit for Success Hope Luebeck <i>Chemours</i>	Leveraging Oil and Gas Process Safety Management to Risk Management in Mining and Minerals Processing C. Morar <i>Rio Tinto</i>
	Process Safety Leadership During Change Phillip Hodge <i>Chevron</i>	Fluorine Free Fire Fighting Foam; What Is It and How/Why Does It Matter to Your Facility! Ryan Bennett <i>Jensen Hughes</i>	The Importance of Utilizing Process Hazard Analysis to Manage Risk in Pilot Scale Designs Araina Boyd <i>Barr Engineering Company</i>	The Transition from School to Work: Expectations for All Professionals Stephanie Smith <i>Risk Management Professionals</i>	Fahrenheit 3214: PSM in Electric Furnace Smelting Operations - Challenges and Opportunities A. Valiyev <i>Anglo American</i>
	Empowering Process Safety Culture: A Case Study on Leadership-Driven PSM Program Improvements at a Chemical Manufacturing Site Victoria Randall <i>Nutrien</i>	Dynamic Barrier Management for the Functional Integration of Safety and Security Domains in Critical Infrastructures: A Management Framework Based on Technical References Juan Angarita <i>IMS Global</i>	Where Is Process Safety in the SDGs? Trish Kerin <i>Lead Like Kerin</i>	The Elephant in the Room Karen Vilas <i>FORTRESS</i>	Ibram- Diretrizes Para Gerenciamento De Segurança De Processo Na Mineração R. Pinto <i>IBRAM</i>
3:00 PM	Coffee and Networking Break Location: Trinity Exhibit Hall				

3:30 PM – 5:00 PM	<p>Session #: Know Thine Hazards and Know Yourself. The Art of Hazard Identification and Risk Analysis Location: Cortez AB Co-Chairs: Sean Dee & Margery Kosch</p>	<p>Session #: Combustible Dusts: Avoiding Disaster Location: Coronado CD Co-Chairs: Bruno de Kort, Aubrie Martin, & Kathy Pearson</p>	<p>Session #: Recognized and Generally Accepted Good Engineering Practices (RAGAGEP) Analysis in New Risk Management Plan (RMP) Rule Location: Coronado A Co-Chairs: Jennifer Villalobos & Sarah Manelick</p>	<p>Session #: What is Process Safety Culture and How Does It Apply to Me? Location: Cortez CD Co-Chairs: Pamela Nelson, Wing Yee & Caitlin Mullan</p>	<p>Session #: Process Safety in Mining, Metals, and Minerals II Location: Coronado B Co-Chairs: C.Catala, B.Esperandio, & G.Peron</p>
	<p>To Boldly Go - Exploring Common Pitfalls and Missteps for PHA Facilitators Teresa Lewis BakerRisk</p>	<p>NFPA 660: What you need to know Michelle Murphy Mica</p>	<p>Review of 2024 EPA RMP Regulatory Updates Gayle Nicoll Jensen Hughes</p>	<p>Using Gamification to Develop Process Safety Culture at Vale Gustavo Peron VALE</p>	<p>Artificial Intelligence in Asset Management: Ensuring Compliance and Optimizing Maintenance in a Mining Operation R. D. R. Molina Vale</p>
	<p>PHA: Common Misses with Significant Risks Darshan Lakhani ABS Consulting</p>	<p>Fire and Explosion Hazards Associated with the Transfer of Powders into Flammable Solvents Emmanuel Addai Prime Process Safety Center</p>	<p>Maneuvering the Technical Minefield of the Amplified RMP Rule Alana Hodge Trinity Consultants</p>	<p>Starting Strong: The ABCs of Process Safety Culture Dianne Coon ioMosaic</p>	<p>Process Safety in Transient Operations: Human Impact on Mining and Minerals Industry N. Dhufairy Maaden</p>
	<p>Evaluating Tanks for Non-Normal Operating Modes Erland Splan Smith & Burgess</p>	<p>HAZOP vs. Prescriptive Approaches in Dust Hazard Analysis: A Comparative Study on Outputs, Applications, and Limitations Timothy Heneks CV Technology, Inc.</p>	<p>PHA Evaluation Using Loss Prevention Principles from RAGAGEP Lueci do Vale Indorama Ventures</p>	<p>Process Safety Interventions for Developing Behaviourial Competencies Venkata Sainath Garimella, Cholamandalam MS Risk Services</p>	<p>Do the Mining and Minerals Processing Industry Need Process Safety or Systems Safety Engineering? M. Hassall Company University of Queensland</p>
5:00 PM – 7:00 PM	<p>Session #: Spring Meeting & GCPS Poster Session and Cocktail Reception Co-Chairs: Louisa Nara, Michael J. Joyce, Nicholas Ashley Location: Trinity Exhibit Hall</p>				

Tuesday, April 8, 2025

8:00 AM – 9:30 AM	40th Center for Chemical Process Safety International Conference (CCPS)	59th Annual Loss Prevention Symposium (LPS)	27th Process Plant Safety Symposium (PPSS)	14th Process Safety Management Mentoring (PSM²)	Perspectives on Process Safety from Around the Globe
	<i>Session #: Advances and Innovations to Drive Highly Effective Asset Integrity Programs</i> Location: Cortez AB Co-Chairs: Rob Coover & Dheeraj Narang	<i>Session #: Facility Siting, Consequence Analysis, and Risk Assessment I</i> Location: Coronado CD Co-Chairs: Morgan Reed & Jatin Shah	<i>Session #: Improving Process Hazard Analysis Techniques</i> Location: Coronado A Co-Chairs: Fred Gregory Katherine Prem, & Chris Lai	<i>Session #: Tutorials in Process Plant Safety Symposium (PPSS)</i> Location: Cortez CD Co-Chairs: J. Wayne Chastain & Freeman Self	<i>Session #: Process Safety Activities in China I</i> Location: Coronado B Co-Chairs: Dongfeng Zhao & Malcolm Pu
	Scaling Excellence: A Case Study in Implementing an Asset Integrity Program Dianne Coon <i>ioMosaic</i>	Tool Time – Real World Applications of API RP 753 Kollin Kenady <i>Marathon</i>	The Flow Method: An Improved HAZOP Methodology Craig Smith <i>Nutrien</i>	Selection of Pressure Relief Valves for Pressure Vessels Adam Attig and Zubin Kumana <i>Emerson Automation Solutions & Bechtel</i>	Process Safety Progress in China Qiang Chen <i>China University of Petroleum (East China)</i>
	The Power of Data Integration and Visualization for Safer, Reliable Operations Mark Susich <i>AcuTech Group, Inc.</i>	Using Wind Tunnel Modeling based on Field Scale Experiments as a Validation Tool for Atmospheric Dispersion Models Thomas Spicer <i>University of Arkansas</i>	Leveraging Historical Risk Wisdom for Projects: Yes, It Can Really Occur Patrick Nonhof, Kazuyuki Namba, and Kent Jeffers <i>Trinity Consultants and Chevron Phillips</i>	Managing Risk: Beyond the Due Date Shauna Scott, and Katherine Earley <i>OPEX, Ergon Inc & Ascend Materials</i>	Comprehensive Approach to Reaction Hazard Analysis: Integrating Scenario-Based Evaluation and Predictive Tools Guibing Zhao <i>Wanhua Chemical Group Co., Ltd</i>
	Evaluating Brittle Fracture and Shock Chilling Potentials Using Automated Data Analytics Frameworks Payam Jamshidi <i>Siemens Energy</i>	Development of a Thermal Radiation Dose Approach for Jet Fires Jeff Marx <i>Quest Consultants</i>	The Melhorado Process Hazard Analysis (mPHA) – Enhanced Risk Assessment Method for Mature Operating Facilities Agostinho Damiao <i>Chevron</i>	Piping Integrity Daniel DeVine <i>Midland Engineering, Ltd</i>	The Process Safety Evaluation System of the China Chemical Safety Association (CCSA) Yan Li <i>China Chemical Safety Association</i>
9:30 AM	Coffee and Networking Break Location: Trinity Exhibit Hall				

10:15 AM – 11:45 AM	40 th Center for Chemical Process Safety International Conference (CCPS)	59 th Annual Loss Prevention Symposium (LPS)	27 th Process Plant Safety Symposium (PPSS)	14 th Process Safety Management Mentoring (PSM ²)	Perspectives on Process Safety from Around the Globe
	<p><i>Session #: Process Safety in a Climate-Friendly Future World</i> Location: Cortez AB Co-Chairs: Davide Moncalvo & Paul Osterberg</p>	<p><i>Session #: Facility Siting, Consequence Analysis, and Risk Assessment II</i> Location: Coronado CD Co-Chairs: Jatin Shah & Morgan Reed</p>	<p><i>Session #: Quantitative Risk Assessment Methods Beyond Hazard and Operability (HAZOP) Analysis</i> Location: Coronado A Co-Chairs: Rainer Hoff & Swarup Bade</p>	<p><i>Session #: Lies We Tell Ourselves – Cognitive Bias and Human Factors in Process Safety</i> Location: Cortez CD Co-Chairs: David Moore & Sanjay Ganjam</p>	<p><i>Session #: Process Safety Activities in China II</i> Location: Coronado B Co-Chairs: Dongfeng Zhao & Malcolm Pu</p>
	<p>What's Hot with New Refrigerants Bradley Silva and John Wincek DEKRA Process Safety</p>	<p>What has Gone Right and Wrong When Upgrading Buildings Travis Holland BakerRisk</p>	<p>Analysis of Shared Device(S) between SIS and BPCS Scott Sandler and David Grattan ABS Consulting</p>	<p>Proactive Management of Human Factors in Accident Prevention: Case Study and an Innovative Approach Anshulkumar Tiwari HPCL-Mittal Energy Ltd,</p>	<p>Learning from Incidents with a Multigenerational Workforce Louisa Nara</p>
	<p>Understanding Depressurization of CO2 Vessels Using Computational Modeling and Data-Driven Techniques for Safety in Carbon Storage and Transport Sanket Ranjan Kadulkar Aspen Technology Inc.</p>	<p>Oleum Release - When the Hose Breaks Nicholas Reding Exponent</p>	<p>Screening for Process Safety Issues Using the CHEF Calculation Aid Rahul Raman Kaypear</p>	<p>Seeing the Invisible Trish Kerin Lead Like Kerin</p>	<p>Study on Operation Safety Risk of Volatile Organic Compounds Treatment Facilities in Petrochemical Enterprises Weichao Duan China Occupational Safety and Health Association</p>
	<p>Consequence Analysis of the Satartia Carbon Dioxide Release Nick Schulman Exponent, Inc</p>	<p>Harmonizing Facility Siting Practices across Borders: Insights from a Global Corporation Robert Weber PSRG</p>	<p>'qra Ain't Qra' - QRA Application in the Near Field - Our Experiences Stuart Chia Sherpa Consulting</p>	<p>Title TBD Author TBD Company TBD</p>	<p>Commonly Used Correction Factors in Safety Integrity Level Analysis Xinyi Cao CNPC Research Institute of Safety & Environment Technology</p>
11:45 AM	<p>Luncheon with Speaker: Laura Parkan, Senior VP, Commercial Management, Large Industries and Hydrogen Location: Trinity Ballroom</p>				

1:30 PM – 3:00 PM	Session #: Improving Human Performance Location: Cortez AB Co-Chairs: Jeff Fox & Julie Kister	Session #: Energy Safety I (Hydrogen) Location: Coronado CD Co-Chairs: Sam Wang & Rima Lahiri	Session #: Semi-Quantitative Risk Assessment Methods Beyond Hazard and Operability (HAZOP) Analysis Location: Coronado A Co-Chairs: Ian Mylenbusch & Srihari Maganti	Session #: Faces of Process Safety - IDEAL Location: Cortez CD Co-Chairs: Swarup Bade & Jessica Morris	Session # Spanish Session: I Location: Coronado B Co-Chairs: Matias Massello & Paula Barrios
	Human after All: Shifting from Blame to Claim Will Sharpe Kent	Hydrogen Jet Vapor Cloud Explosion: New Tests, Blast and Fireball Models Amy Shen Air Products	Integrating Layer of Protection Analysis within Process Hazard Analyses – 23 Years Later Felicia Miller ABS Consulting	INVITED SPEAKER	Performance Based Design of Fire and Gas Detection Systems. How Much Are We Really Reducing Risk? R. Rodriguez CSF
	Practical Application of ‘Critical Steps’ to Improve Human Performance Elliot Wolf-Stokes Honeywell	Very-Lean Hydrogen and Worst-Case Ammonia Vented Deflagration Testing and Modeling Peter Diakow BakerRisk	Socially Responsible Process Safety: Game Theory-Informed Social Life Cycle Assessment for Equitable Decision-Making Mehzabeen Mannan, Nahid Sarker, Sami Al-Ghamdi, Fadwa Eljack, and Monzure-Khoda Kazi King Abdullah University of Science and Technology (KAUST), South Dakota School of Mines and Technology, Qatar University	Enhancing Process Safety Competence: Rio Tinto’s Strategic Approach to Talent Management in a Competitive Landscape Laura Anato Rio Tinto	Security Leadership Of Processes: Keys To Understand and Align Organization M. Fernandez Whycomm
	Guidance on the Design of Proactive Management Systems Angela Lebbon Eastman Chemical Company	Investigation of Explosion-Related Key Figures of Humid Hydrogen-Oxygen Mixtures Nils Schweiger PROTEGO	Incorporating Integrated Risk Assessments in Loss of Containment (LOC) Management during Design Phase Veronica Luna Fluor	My Path from Process Engineer to Process Safety Sanjay Ganjam Kiewit	Beyond the Bow Tie’s, How to do management Of The Elements Security Critics (SCE)? J. Mimbela Hunt LNG
3:00 PM	Coffee and Networking Break Location: Trinity Exhibit Hall				

	40th Center for Chemical Process Safety International Conference (CCPS)	59th Annual Loss Prevention Symposium (LPS)	27th Process Plant Safety Symposium (PPSS)	14th Process Safety Management Mentoring (PSM²)	Perspectives on Process Safety from Around the Globe
3:30 PM – 5:00 PM	<i>Session #: What Hazard? Successful Approaches to Inherently Safer Design</i> Location: Cortez AB Co-Chairs: Ammar Alkhalwaldeh & Chris Israni	<i>Session #: Energy Safety II (LNG & Ammonia)</i> Location: Coronado CD Co-Chairs: Amy Shen & Thomas Spicer	<i>Session #: Modcast, A First of its Kind – A Live Journey of Growth and Discovery</i> Location: Coronado A Co-Chairs: Laura Ankrom & Hope Luebeck	<i>Session #: What Should be Keeping you Up at Night</i> Location: Cortez CD Co-Chairs: Davide Moncalvo & Alyse Keller	<i>Session # Spanish Session: II</i> Location: Coronado B Co-Chairs: Matias Massello & Paula Barrios
	Making Inherently Safer Design (ISD) a Vibrant Part of Corporate Risk Management or “How to Do Effective ‘Safer Technology Alternatives Assessments (STAA)” Anthony Downes Downes Process Safety LLC	Standardized Testing Vs. Installation Methods: Full Scale LNG Fire Tests for 3- and 4-Side Fireproofed Beams Filippo Gavelli Blue Engineering	Unlocking Growth, One Journey at a Time Lisa Ruth and Kristin Robbins ioMosaic	Modeling of Flammable Hazards during Atmospheric Storage Tank Maintenance Elizabeth Spicer University of Oklahoma	Energy Integration Clean, One Solution Efficient. But, which They are the dangers Associates? A. Jimenez Engineering Systems Inc.
	Inherently Safer Design: Success Stories Narayanan Ganeshmani Chevron Corporation	Goldilocks and the Three Fuels Karen Vilas FORTRESS		Hindsight Is 20/20: Lessons Learned from Reactive Chemical Incidents Amy Theis AcuTech	Integrated Management Process Security: Real Time Risk V. Kapur Shell
	Vapor Dispersion Modeling from Non-Vertical Vents Jenna Wilson Blue Engineering and Consulting Company	Ammonia As a Safe Alternative for Transporting Hydrogen Seckin Gokce PSRG		Latent Failures Hiding in Plain (Hind)Sight - an Incident Case Study Nathaniel Mazur Ashland	Review By The System Address Security Management Of Processes, A Change Tool Cultural: GPS or Waze? A. Gomez Corteva

Wednesday, April 9, 2025

	40th Center for Chemical Process Safety International Conference (CCPS)	59th Annual Loss Prevention Symposium (LPS)	27th Process Plant Safety Symposium (PPSS)	14th Process Safety Management Mentoring (PSM²)	Perspectives on Process Safety from Around the Globe
8:00 AM – 9:30AM	<i>Session #: Learning from Experience</i> Location: Cortez AB Co-Chairs: John Champion & Carolyn Bott	<i>Session #: Battery Safety in the Chemical Industry</i> Location: Coronado CD Co-Chairs: Kathy Kas & Trey Morrison	<i>Session #: Practical Applications Using Generative AI in Process Safety</i> Location: Coronado A Co-Chairs: Brooke Beveridge & Jack Chosnek	<i>Session #: Tutorials in Center for Chemical Process Safety (CCPS) International Conference</i> Location: Cortez CD Co-Chairs: Srihari Maganti & Lisa Long	<i>Session #: Portuguese Gestão da Segurança de Processos baseada em Risco II:</i> Location: Coronado B Co-Chairs: Fábio Rossi & Luana Marques
	Building a Dependable Practice: Techniques for Embedding Process Safety Lessons in Shifts, Groups, and Teams Jody Jahn Wildfire Learning LLC	Assessing the Risks of Thermal Runaway and Fire Propagation in Battery Energy Storage Systems with ARC, GC-MS, and Burning Velocity Testing Jiliang He DEKRA	Does "Better" Training Data Improve ChatGPT in Process Safety Applications? Beta-Testing Results of a Customized GPT Sahand Faraji Exponent	Hazardous Area Classification Methodology Comparison: NFPA, API, IEC Stuart Powell BakerRisk	Security impacts of oil and gas asset transfer processes: insights from acquisition transitions N. Ferreira and R. Dziejcz Petrobras
	Developing Risk Management Maturity through Process Safety Indicators Americo Carvalho Neto Sr. RSE CONSULTING	The Versatile VSP2: The New Battery Testing Apparatus Kenneth Kurko Fauske & Associates	AI-PSM: Progressing, but Not There Yet Rainer Hoff Gateway Consulting Group Inc	The Business Case for Process Safety Samantha Scruggs Archaea Energy, A bp Company	Application of Automated HAZOP in the Development of FPSO Projects M. Oliveira and F. Diniz Petrobras
	Process Safety Cultural Cause Leading Indicators: How Well Are They Understood and Used? Bradley Eccles ABS Consulting LTD	CFD Analysis of Fireball and Explosion Hazards in Battery Energy Storage Systems Will Wholey Arup	Intelligent Alarm Management: An AI Solution for Enhancing Anomaly Handling Efficiency and Safety Allan Su China Chemical Safety Association	Assessment of and Planning for Natural Hazards Andrew Goddard and Mike Washington Arkema	Application of LOPA Semi-Quantitative Analysis (Layers of Control Analysis) as Support for a Process Safety Indicator Panel A. Carvalho Neto Sr RSE
9:30 AM	Coffee and Networking Break Location: Trinity Exhibit Hall				

10:15 AM – 11:45 AM	<p>Session #: Effective Process Safety Management Programs Location: Cortez AB Co-Chairs: Brooke Beveridge & Jim Martin</p>	<p>Session #: The Usual Suspects: Fires, Explosions, and Chemical Reactivity Location: Coronado CD Co-Chairs: Soham Dutta & Michelle Murphy</p>	<p>Session #: Independent Protection Layers (IPL) Verification Fundamentals Location: Coronado A Co-Chairs: Daniel Forest & Kathy Shell</p>	<p>Session #: The Day PSM Hit Home Location: Cortez CD Co-Chairs: John Champion & Michelle Pfahles</p>	<p>Session #: Portuguese Session Gestão da Segurança de Processos baseada em Risco III: Location: Coronado B Co-Chairs: Fábio Rossi & Luana Marques</p>
	<p>Mechanical Integrity for Research Scale Environments Eddy Borchert The Dow Chemical Company</p>	<p>Use of DFT Calculation and Experimental Data to Model Heat of Reaction Damaris Thuita Merck</p>	<p>You Got LI-PL! Eloise Roche SIS-TECH Solutions</p>	<p>The Day Process Safety Hit Home: The Importance of Pre-Startup Safety Reviews Ciara Jarmain ERM</p>	<p>Facing the End: Challenges in Maintaining Process Safety Discipline for Decommissioning Offshore Units. An applied case in the Campos Basin E. Sousa Santos Petrobras</p>
	<p>Aligning Process Safety Across Borders: Lessons from an international organization Ajaykumar Kakkanattu PSRG</p>	<p>The Applications of Gas Chromatography – Mass Spectrometry (GC-MS) in Process Safety Jiliang He DEKRA</p>	<p>Using IE and IPL Failure Rates to Optimize Critical Process Safety O&M Factors William Bridges and Sandeep Mohandas Process Improvement Institute</p>	<p>Making Process Safety LEADERSHIP Personal Shakeel Kadri CCPS</p>	<p>Desenvolvimento Do Software "Blastimpact Sim" Para Simulação De Explosões e Seus Impactos R. Souza Sr. Aperam</p>
	<p>Accelerated Risk Reduction Via Enhanced Management System / Shift in Metric Methodology Andrew Hiester Eastman Chemical Company</p>	<p>Fire and Gas Detection Mapping: What It Is, and Why You Might Want to Do It! George Omerod Risktec</p>	<p>Strengthening Wells Process Safety Barriers Using Bow Tie Methodology Natalia Bellesi Shell</p>	<p>Title TBD Mike Washington Arkema</p>	<p>Implementing Process Safety Education in a Chemical Engineering Curriculum in Southern Brazil: The Role of an Aiche Student Chapter L. Barbosa Martins PUCRS</p>
11:45 AM	<p>Luncheon with Speaker: Wade Alleman, President, OxyChem Location: Trinity Ballroom</p>				

1:30 PM – 5:00 PM	Session: Case Histories and Lessons Learned – GCPS Joint Session Location: Trinity Ballroom Co-Chairs: Brenton Cox, Jessica Morris, Lydia Wright
1:30 PM	<i>Opening remarks and Best Paper Awards</i>
1:45 PM	Lurking in Small Amounts – Concentration of an Unstable Nitrate Due to a Subtle Process Change Wayne Fort University Of South Carolina
2:15 PM	Rupture Discs: An Effective Barrier or Sleeping Sentinel Nouman Butt Arabian Petrochemical Organization-SABIC
2:45 PM	Then the Lights Flickered Trish Kerin Lead Like Kerin
3:15 PM	Break
3:30 PM	How Traditions Impact Risk - A Study of the TAMU Bonfire Collapse Rob Fisher Fisher Improvement Technologies
4:00 PM	Process Safety Lessons from the Oceangate Titan Implosion Richard Carter Watchmen Instrumented Safety Experts
4:30 PM	Dripping Dry Break Coupling Steve Murphy Syngenta Group
5:00 PM	Closing Remarks