

Monday, March 13, 2023	
7:00 AM	AGILE Keynote Continental Breakfast Location: George R. Brown Convention Center Grand Ballroom BC
8:00 AM	Session #: 2023 AIChE Spring Meeting and 19th GCPS AGILE Award Keynote Address Location: George R. Brown Convention Center Grand Ballroom BC Welcome and Introductions Presented by Christine Grant , AIChE President, and Darlene Schuster , Executive Director and Chief Executive Officer, AIChE AGILE Award Keynote Address: “TBD” Presented by Mike Graff , Chairman & Chief Executive Officer, American Air Liquide Holdings, Inc.
9:00 AM	Coffee and Networking Break Location: GRB Conv. Ctr. Exhibit Hall E
9:30 AM	Session #: 19th GCPS Welcoming Plenary Session Location: George R. Brown Convention Center Grand Ballroom BC 19th GCPS Introduction and Welcome: Shakeel Kadri (<i>Executive Director & CEO, CCPS</i>) and John Champion (<i>GCPS Chair</i>) Programming Introductions by: James Martin , 38 th Center for Chemical Process Safety (CCPS) International Chair Irfan Shaikh , 57 th Annual Loss Prevention Symposium (LPS) Chair Katherine Prem , 25 th Process Plant Safety Symposium (PPSS) Chair Jennifer Mize , 12 th Process Safety Management Mentoring (PSMM) Symposium Chair Eduardo Francisco , Perspectives on Process Safety from Around the World Chair Plenary Keynote Address Presented by Chris Tagoe , Senior Vice President of Health, Safety, and Environment, LyondellBasell “Building A Culture Of Process Safety As A Value, By The ‘Power Of Many”
10:25	Break

	38th Center for Chemical Process Safety International Conference (CCPS)	57th Annual Loss Prevention Symposium (LPS)	25th Process Plant Safety Symposium (PPSS)	12th Process Safety Management Mentoring (PSMM)	Perspectives on Process Safety from Around the Globe
	<i>Session #: Effective Process Safety Management Programs I</i> Location: GRB 360 Co-Chairs: Michell LaFond, Ammar Alkhaldeh	<i>Session #: Facility Siting, Consequence Analysis, and Risk Assessment I</i> Location: GRB 370 Co-Chairs: Trey Morrison, Morgan Reed	<i>Session #: Data Success Stories</i> Location: GRB 361 Co-Chairs: Tracy Carter, Nicole Loontjens	<i>Session #: Tutorials in Process Safety: Loss Prevention Symposium (LPS)</i> Location: GRB 371 Co-Chairs: Jessica Morris, Katie Mulligan	<i>Session #: Using Credible Failure Rates for SIS Ensures Process Safety Panel</i> Location: GRB 372ABDE Co-Chairs: Julia Bukowski, Angela Summers
10:30 AM	A Holistic Approach to Asset Risk Management: The Benefits of Combining Mechanical Integrity and Reliability Programs Randal L. Montgomery	RED Squirrel Tests – Air Products Ammonia Field Experiments Seshasayi Dharmavaram	Preventing Process Safety Incident Using Nearmiss/Unsafe Condition Big Data Analysis Anshul Kumar Tiwari	Flammability Basics J Wayne Chastain	Panelists: <ul style="list-style-type: none"> • Angela E. Summers, SIS-TECH Solutions • William M. Goble, exida, Sellersville • Rajeev Limaye, Linde Engineering Americas • Juan Gutierrez, Bayer USA LLC
11:00 AM	The evolution of Process Safety and Asset Integrity Management Systems for a Mature Brownfield Facility Rae Ann Joseph	Case Study: Investigating the Effect of the A2 Pasquill Atmospheric Condition on the Dispersion Modelling of Heavy Gases Chee Ong	Gains from Getting Near Misses Reported William Bridges	A Comprehensive Approach to Hazardous Area Classification for Combustible Particulate Solids Kevin Jeffries	
11:30 AM	Block and Check Valves in Process Safety: Addressing the Mechanical Integrity Element of PSM Daniel Devine	CO2 Major Accident Hazards Awareness Cynthia Spitzenberger	Safeocs: An Innovative Approach to Understanding Industry-Wide Safety Event Data Demetra Collia	Comparing Apples and Oranges: Creating a Comprehensive View of Facility Siting Risks Nathan Markham	
12:00 PM	Luncheon with Speaker: Name , title “Presentation Title” Location: Hilton Americas, Ballroom of Americas A-F				

	Session #: Effective Process Safety Management Programs II Location: GRB 360 Co-Chairs: Lauren Moyer, James Martin	Session #: Facility Siting, Consequence Analysis, and Risk Assessment II Location: GRB 370 Co-Chairs: Amy Theis, Soham Dutta	Session #: Predictive Maintenance Location: GRB 361 Co-Chairs: Brooke Beveridge & Swarup Bade	Session #: What Is Process Safety Culture and How Does It Apply to Me? Location: GRB 371 Co-Chairs: Chris Israni, David Moore	Session #: #Spanish Session: Sistemas instrumentados Location: GRB 372ABDE Co-Chairs: Matias Massello, Fabio Rossi, Eliana Berroteran
1:30 PM	Effective Procedures and Process Safety Rob Fisher	Building Design and Selection for Protection of Critical Assets Thomas Mander	Back to Basics Chris Armitage	Building Skills and Excellence: Ecolab Process Safety Qualification Process Nathan Thompson	Análisis De Sensibilidad Como Herramienta Para La Toma De Decisiones En La Operación y Mantenimiento Del SIS Romel Rodriguez
2:00 PM	...and the Regulator Clapped! New Approaches to Maximizing Worker Engagement in Process Safety Management Chris Robinson	Application of Quantitative Risk Analysis to Fireproofing Jeffrey Marx	Predictive Maintenance Basics for Process Safety Engineers: Understanding Predictive Maintenance Practices and the Implications to Process Safety Jody Olsen	The TRAPS of Process Safety Culture Martin Fernandez	Sin Puertas De Escape - Adecuación Al Estandar IEC 61511 En Perú Para Plantas De Procesamiento De Hidrocarburos Existentes Marcos Alamo Sr.
2:30 PM	Maturity Model Approach for Building Effective Process Safety Management Systems Tekin Kunt	Managing Risks Associated with Occupied Buildings in a Process Plant: A Case Study on the Application of Facility Siting Best Practices Nouman Butt	Mechanical Integrity Issues for Second-Hand Equipment with No OEM Information Available Roberto Ruiz Vasquez	It Starts at the Top - the Effect of Human Factors and Leadership on Safety Mark Breese	La Gestión De Confiabilidad De Los Elementos Críticos De Seguridad Como Elemento De Gestión De Riesgo Omar Contramaestre
3:00 PM	Coffee and Networking Break Location: GRB Conv. Ctr. Exhibit Hall E				

	Session #: Extreme Adverse Events Location: GRB 360 Co-Chairs: Davide Moncalvo, J Wayne Chastain	Session #: Emergency Planning and Response Location: GRB 370 Co-Chairs: Henry Dwight, Sebastian Chialvo	Session #: Plant Process Safety and Cyber Impacts – Cybersecurity and Beyond. Location: GRB 361 Co-Chairs: Rainer Hoff, Jack Chosnek	Session #: The Faces of Process Safety: Process Safety Mentoring for Our IDEAL Workforce Location: GRB 371 Co-Chairs: Scott Haney, Brenton Cox	Session #: Spanish Session: Análisis de consecuencias y planes de emergencia Location: GRB 372ABDE Co-Chairs: Matias Massello, Fabio Rossi, Eliana Berroteran
3:30 PM	Storage Tank Thermal Breathing Under Extreme Weather Conditions Michael Davies	Ammonia Safety: Emergency Ventilation Design for Machinery Rooms Scott Davis	Protecting Integrated Control and Safety Systems Against Cyber Threats Charles Fialkowski & Marco Ayala	Role of Mechanical Engineers in Process Safety Ken Min	Enfriando Tanques Con Materiales Peligrosos. Un Caso Práctico De Análisis De Peligro De Incendios En Vagones De Transporte De Materiales Peligrosos Alejandro Jimenez
4:00 PM	Practical Tools for Predicting Acute Weather Risks Under Future Climate Scenarios Kris Walsh	Combining Computational Fluid Dynamics, Virtual Reality, Machine and Deep Learning for the Development of Serious Game for Emergency Plan Savio Vianna	Contextualizing Cyber Risk to Chemical Processes Blake Benson	Mentoring for an IDEAL Process Safety Workforce: Panel Panelist 1: Juanita Miller Panelist 2: Maureen Price Panelist 3: Tom O. Spocer III Panelist 4: Chason Coelho	Respuesta a Emergencias Por Derrames De Hidrocarburos En Mar: Diseño y Modelamiento De La Estrategia a Corto, Mediano y Largo Plazo Cesar Puma
4:30 PM	Benefits of Planning for Black Swan Events for Process Safety Management David Moore	Mapping an Evacuation in Real-Time: Digital Mustering with Wireless Personnel Location Technology Jacob Tardon	Securing Automated Safeguards from Cyberattacks Patrick O'Brien		Modeling And Operative Simulation Of LOPC Event And Response Strategy According To RBPS Javier Acevedo
5:00 PM	Session #: Spring Meeting & GCPS Poster Session Co-Chairs: Allison Knight, Colette Spicer Location: Location: GRB Conv. Ctr. Exhibit Hall E				

Tuesday, March 14, 2023

	38th Center for Chemical Process Safety International Conference (CCPS)	57th Annual Loss Prevention Symposium (LPS)	25th Process Plant Safety Symposium (PPSS)	12th Process Safety Management Mentoring (PSMM)	Perspectives on Process Safety from Around the Globe
	<i>Session #: Featured CCPS Projects: Emerging Topics, Tools, and References</i> Location: GRB 360 Co-Chairs: Jeffrey Fox, MI Kawkawlin	<i>Session #: Fires, Explosions, Combustible Dusts, and Chemical Reactivity I</i> Location: GRB 370 Co-Chairs: Tom Farrell, Kate Mulligan	<i>Session #: The Changing Face of PSM</i> Location: GRB 361 Co-Chairs: Julie White & Lydia Wilkinson	<i>Session #: What Should be Keeping You Up at Night but Isn't: Things Everyone Should Know about Process Safety</i> Location: GRB 371 Co-Chairs: David Moore, Soham Dutta	<i>Session: Spanish Session: Análisis de riesgo y toma de decisiones</i> Location: GRB 372ABDE Co-Chairs: Matias Massello, Fabio Rossi, Eliana Berroteran
8:00 AM	Back to School for Process Safety Jerry Forest & Cheryl Ground	Fire Modeling Using a Solid Flame Approach Including Obstructions, Thermal Shielding, and Evacuation Path Thermal Dose Integration Greg Knight	Contractor Management – Are regulatory requirements managing new risks? Brian Desrosiers & Steve Hawkins	Building Resilience in Process Safety through the Occurrence of Catastrophic Events That Have Shaped Our Organizations, Our Process Safety, and Our Supply Chains Timothy De Brui	¿Transición Energética a Hidrógeno? Evaluación y Retos Por Superar En Análisis De Riesgo Alejandro Jimenez
8:30 AM	Abnormal Situation – a New Resource from CCPS Brian Farrell,	What to Consider When Constructing Buildings in Classified Areas Stuart Powell	The new lifecycle game in town Rainer Hoff	Ditch the Term Operational Discipline to Drive Better Culture: Why the Term Is Not Helpful and Better Options for Instilling Positive Process Safety Culture Jody Olsen	Using Fault Tree and Bow-Tie in the Root Cause Analysis (RCA) for a Loss of Containment Incident of a Stirred Tank, How the RCA Helps to Improve Project Management Practices Marco-Antonio Medrano
9:00 AM	Managing Abnormal Situations: How Do We Know What Works? Thomas Williams Jr.	Electrostatic Hazards: Identifying the Early Warning Signs to Reduce Explosion Risk Vahid Ebadat	Game based learning: reinforcing process safety James Sneddon	<i>How Does Workforce Involvement Affect Process Safety Culture? Why Is It so Important?</i> Seckin Gökçe	Seguridad De Procesos En Masificacion De Proyecto EOR Luis Kirs
9:30 AM	Coffee and Networking Break Location: GRB Conv. Ctr. Exhibit Hall E				

	Session #: Emerging Process Safety in Developing Nations Location: GRB 360 Co-Chairs: Chris Israni, Paul Osterberg	Session #: Fires, Explosions, Combustible Dusts, and Chemical Reactivity II Location: GRB 370 Co-Chairs: Jerome Taveau, Sam Wang	Session #: Developing Process Safety Influencers Location: GRB 361 Co-Chairs: Fred Gregory, Srihari Maganti	Session #: Tutorials in Process Safety: Center for Chemical Process Safety (CCPS) International Conference Location: GRB 371 Co-Chairs: Denise Chastain-Knight, Freeman Self	Session #: Spanish Session: Gestion del la seguridad de procesos con base en riesgo Location: GRB 372ABDE Co-Chairs: Matias Massello, Fabio Rossi, Eliana Berroteran
10:15 AM	Insights into Process Safety Incidents in Air Separation Units Rialivhuwa Nekhwevha	Evaluating and Protecting Liquids That Burn: Understanding the Hazards and Paths to Providing Protection John Le Blanc	Beyond Technical Competency – the soft skills needed by a PHA Leader John Wincek	Anhydrous Ammonia— Understand What Fire and Explosion Scenarios Are Most Credible and Manage Those Risks Jerry. L. Jones	Sesgo y Ruido. ¿Como Ayudar a Mejorar La Toma De Decisiones En La Fase De Operación y Mantenimiento Del SIS? Romel Rodriguez
10:45 AM	Process Safety Culture in Latin America: Challenges and Opportunities Monica Daniela Reyes Rodriguez	Modeling Monomer Runaway Scenarios for Hazard Assessment Soham Dutta	Personnel Change Management: A Vital Component of Process Safety Hope Luebeck	Inherently Safer Design (ISD) Success Stories in Existing Plants Richard Santo Jr.	Sentidos de Vulnerabilidad en la cabeza, Disciplina Operacional en los pies Martin Fernandez
11:15 AM	Use of the Metaverse in Process Safety Management (PSM) Sergio Luis Correa Ferreira	A Modified Schlenk Line for Gas Phase Accelerating Rate Calorimetry, Capable of Quantitatively Sampling and Safely Handling Hazardous Gases Jiliang He	The power of saying NO Ali Bazroun	MOC 102 – Get More out of MOC Systems Than "Just Managing Changes" Nancy Faulk	Proyecto Vulnerabilidad: PSM KPI Evolution - Hacia Una Matriz De Riesgo y Mapa De Calor De Instalaciones Fernando Pawolocki
11:45 AM	Luncheon with Speaker: Gayle Schueller , Senior Vice President and Chief Sustainability Officer, 3M “Utilizing Science, Collaboration, and Urgency to Set and Achieve ESG goals” Location: Hilton Americas, Ballroom of Americas A-F				

	<p>Session #: Learning from Each Other: Application of Process Safety Principles to Other Industries Location: GRB 360 Co-Chairs: Margery Kosch, Sean Dee</p>	<p>Session #: Hydrogen Safety Location: GRB 370 Co-Chairs: Kathy Pearson, Ron Willey</p>	<p>Session #: Focused Risk Analysis Approaches and Techniques in Support of LOPA Location: GRB 361 Co-Chairs: Philip. M. Myers, Colin Howat</p>	<p>Session #: What is Hiding Under the Radar? Location: GRB 371 Co-Chairs: Steve Hawkins, J Wayne Chastain, Todd Drennen</p>	<p>Session #: Portuguese Session: Gestão da Segurança de Processos baseada em Risco I Location: GRB 372ABDE Co-Chairs: Sandro Franca, Luana Marques, Bruno Menegatti</p>
1:30 PM	<p>Application of PSM to Non-Regulated Industrial Facilities and Operations - Case Studies and Success Stories Peter McKnight</p>	<p>Hydrogen and Natural Gas Blends – Addressing the Differences in Pipeline Standards Brian Ott</p>	<p>Use of Human Reliability Analysis to Supplement LOPA for Scenarios Dominated by Human Error William Bridges.</p>	<p>Latent Failures: What Lies Beneath Ken Min, Scott Sanderson, and Nick White</p>	<p>A Systemic Risk Management Approach to Iron Ore Maritime Transportation – Vale Case Study Pedro Thurler</p>
2:00 PM	<p>Getting the Deal Done - While Managing Process Safety Risk John Currie</p>	<p>Hydrogen Generation System Gas Detection Shutdown Systems – Electrolyzer Case Study Edward Marszal</p>	<p>Using Small Data to Support Decision Making When LOPA Fails: The Case for Incorporating Site Specific Process Safety Data into Our Calculations, and How to Do It Dave Grattan and Keith Brumbaugh</p>	<p>Ignition Sources Are Free: A Discussion of Common (and uncommon) Ignition Mechanisms for Gaseous Fuels and Combustible Dusts Brenton Cox</p>	<p>Dynamic Management Implementation of Process Safety Barriers at Petrobras’ FPSO Paulo Lucio Da Silva Junior</p>
2:30 PM	<p>Process Safety in Net Zero Programs Ian Sutton</p>	<p>Very-Lean Hydrogen Vapor Cloud Explosion Testing Darren Malik</p>	<p>Supporting LOPA with Fault Tree Analysis – Butane Overfill Protection Case Study Edward Marszal</p>	<p>Avoiding Water Hammer and Other Hydraulic Transients Ron Willey</p>	<p>Quantitative Risk Study of a Big Pipeline System for the Major Petrochemical Complex in Latin America Americo Carvalho Neto Sr</p>
3:00 PM	<p>Coffee and Networking Break Location: GRB Conv. Ctr. Exhibit Hall E</p>				

	Session #: Emerging Technologies to Improve Process Safety Performance Location: GRB 360 Co-Chairs: Neal Muller, Laura Acevedo-Turci	Session #: Alternative Energy Infrastructure Safety Location: GRB 370 Co-Chairs: Jatin Shah, Amy Gray	Session #: Yoda Panel Location: GRB 361 Co-Chairs: Sanjeev Saraf, Daniel Forest	Session #: Tutorials in Process Safety: Process Plant Safety Symposium (PPSS) Location: GRB 371 Co-Chairs: Srihari Maganti, Davide Moncalvo	Session #: Portuguese Session: Gestão da Segurança de Processos baseada em Risco II Location: GRB 372ABDE Co-Chairs: Sandro Franca, Luana Marques
3:30 PM	Machine Vision Safeguard Management Phillip Hodge	Introduction to Grid-Scale Battery Energy Storage System Concepts and Fire Hazards Veronica Goldsmith	Panelists: <ul style="list-style-type: none"> • Peter Lodal, D&H Process Safety • Cheryl Grounds, CCPS Emeritus • Gregg Kiihne, BASF Corporation • Trish Kerin, IChemE 	The Daily Trials and Tribulations of Managing a Site Level PSM Program Claire Fluegeman	Por Que Os Acidentes Se Repetem? Um Estudo De Caso Em Unidades De Transferência e Armazenamento De Petróleo e Derivados e Navios Tanques Luana Marques
4:00 PM	Optimization of Risk Control System Through Digital Work Permit Transformation Ronaldo Manik & Dannys Setyadi Wibawa	Hazards of Battery Energy Storage Systems (BESS), Mitigation Strategies, Minimum Requirements, and Best Practices. Ian Mylenbusch		Insights from 650 Tank Farm Fires – the Second Database Update Henrique Paula	Diagnóstico De Aderência Dos Elementos De Gestão De Segurança De Processo Do E&p Da Petrobras Ao Sistema De Gestão De Segurança De Processo Baseada Em Risco Do CCPS Thiago Mindelo de Albuquerque
4:30 PM	Communicating Process Safety Concepts to the Right People at the Right Time: Leveraging Microsoft Powerapps to Enhance Employee Understanding Jonathan Slater	Construction of Multiphysics System-Level Model of a Lithium-Ion Battery Module and Its Application for Risk Analysis of Battery Energy Storage Systems. Tomoya Suzuki		Uncover Relief System Design Deficiencies to Enhance Process Safety Shailesh Saraykar	Dynamic Risk Advisor: A Real-Time Risk Analysis Tool for Process Safety Management Alexandre Bonavita

Wednesday, March 15, 2023					
	38th Center for Chemical Process Safety International Conference (CCPS)	57th Annual Loss Prevention Symposium (LPS)	25th Process Plant Safety Symposium (PPSS)	12th Process Safety Management Mentoring (PSMM)	Perspectives on Process Safety from Around the Globe
	<i>Session #: Process Safety Culture: Sense of Vulnerability</i> Location: GRB 360 Co-Chairs: Fred Henselwood, Robert Coover	<i>Session #: Engineered Safety Systems and Mitigation Technologies I</i> Location: GRB 370 Co-Chairs: Sanjeev Saraf, Elliot Wolf-Stokes	<i>Session #: Improving PHA Leadership and Study Outcomes I</i> Location: GRB 361 Co-Chairs: Kathy Shell, Valecia Murphy	<i>Session #: Lies We Tell Ourselves – Cognitive Bias and Human Factors in Process Safety</i> Location: GRB 371 Co-Chairs: John Wincek, Swarup Bade	<i>Session #: Japan's Process Safety Progress</i> Location: GRB 372ABDE Co-Chairs: Masaki Nakagawa
8:00 AM	Warning: Iceberg Ahead! Navigating Our Way Around Process Safety Complacency. Amin Khairallah	Ten Fingers and Ten Toes: Applying Machinery Safety Principles in a Process Plant Lauren Caldwell	An Overview of PHA Templates and Checklists Developed for a Refining System and Lessons Learned Joshua Wolbers	The Role of Motivation in Human Performance and in Minimizing the Impact of Human Error Ritche Niño Li	Detailed Decomposition Mechanism of Ammonium Nitrate/Chloride Mixtures Kota Watanabe
8:30 AM	Care Conversation Yong Kiat Lee	Case Study: Tube Rupture Scenario Credibility Phillip Henry	Business Case for PHA of Procedures (Finding Accident Scenarios that are Otherwise Missed) Stephen Bridges	“We Will Know We Have a Problem, and We Will Fix It!” – Overestimating Human Response As a Safeguard Lauren Moyer	Estimation of Heat of Formation for Hazardous Chlorine-Containing Silanes Based on Group Additivity Values Obtained By Machine Learning Masaya Sato
9:00 AM	Improving Process Safety Culture through Developing and Maintaining the Sense of Vulnerability at All Levels in the Organization N V Subbarao	Is My Liquid Trapped? Mathew Walters	The Right Stuff – Purposeful Improvement of PHA Leadership and Study Outcomes Philip M. Myers	Denial, Delusions and Bias Pamela Nelson	Refinery-Wide Air Loss and Minor Fire Near FCC Air Blower Mitsuo Inoue
9:30 AM	Coffee and Networking Break Location: GRB Conv. Ctr. Exhibit Hall E				

	<i>Session #: Human Performance</i> Location: GRB 360 Co-Chairs: Eddie Dalton, Brenton Cox	<i>Session #: Engineered Safety Systems and Mitigation Technologies II</i> Location: GRB 370 Co-Chairs: Kathy Kas, Kristen Graham	<i>Session #: Improving PHA Leadership and Study Outcomes II</i> Location: GRB 361 Co-Chairs: Jenniffer Villalobos, Vic Edwards	<i>Session #: The Day PSM Hit Home</i> Location: GRB 371 Co-Chairs: Matthew Walters, Cynthia Spitzenberger	<i>Session #: Process Safety Activities in China</i> Location: GRB 372ABDE Co-Chairs: YiFei Meng, Yi Liu
10:15 AM	Human Performance Modes: Demystifying the SRK Model for Practical Application Elliot Wolf-Stokes	Overcome the Challenges of Implementing SIF for Reactive Processes Eloise Roche	Retooling HAZOP Knowledge through Scenario Database M Hasnul Adib M Noh	My First PHA Ended in a Safe Haven Kerissa Bowen	<i>TBD</i>
10:45 AM	Understanding How to Integrate Humans into the 4 Pillars of a Process Safety Management System: Human Performance, Safety Culture, and Human Error S Camille Peres	Understanding the Depressurization System Design Avinashkumar Karre	A Methodological Approach to Perform Process Hazard Analysis (PHA) for START-up of Chemical Processes Marco-Antonio Medrano	Invited speaker	<i>TBD</i>
11:15 AM	Advanced Human Error Reduction in Process Safety Rob Fisher	Systematic Errors That Compromise Integrity of Safety Instrumented Systems Denise Chastain-Knight	Auditing PHA Quality John Wincek	Invited speaker	<i>TBD</i>
11:45 AM	Luncheon with Speaker: Rodney Reed , Assistant Chief of Operational Support, Harris County Fire Marshal's Office "Each Disaster – Managed Together" Location: Hilton Americas, Ballroom of Americas A-F				

	<p>Session #: Case Histories and Lessons Learned – GCPS Joint Session Location: Hilton America, Ballroom of Americas A-F Co-Chairs: Don Connolley, Ian Mylenbusch, Manuel Herce</p>
1:30 PM	Presentation of the William H. Doyle Award for LPS Best Paper Award, PPSS Best Paper Award, and CCPS Best Paper Award
1:45 PM	Protecting Gasoline Storage Tanks from Lightning: Lessons Learned from a Recent Gasoline Storage Tank Explosion and Fire Scott Davis
2:15 PM	Tennessee Operations Coal Gasification Event, Oct. 4, 2017 J Wayne Chastain
2:45 PM	Catastrophic Explosion Investigation and the Dogma of Process Safety Management Sean Dee
3:15 PM	Break
3:30 PM	A Review of the Aqaba Bay Chlorine Incident Neil Prophet
4:00 PM	Acoustic Induced Vibration in Temporary Piping for Super High-Pressure Steam System Cleaning Noel Hart
4:30 PM	What the Processing Industry Must Learn from the February 2021 Texas Power Outages Richard Carter
5:00 PM	End of Session