

Monday, April 23rd

7:00 AM	2018 AIChE Spring Meeting and 14th GCPS AGILE Keynote Continental Breakfast , Cypress Ballroom 3					
8:00 AM	Session #1: 2018 AIChE Spring Meeting and 14th GCPS AGILE Award Keynote Address , Cypress Ballroom 3 Welcome and Introductions Presented by Christine B. Seymour , AIChE President and June C. Wispelwey , AIChE Executive Director AGILE Award Keynote Address: “Building a Winning Culture: Harnessing the Power of Values” Presented by Mark Vergnano , President and CEO, The Chemours Company					
9:00AM	Coffee and Networking Break , Cypress Ballroom 1/2					
9:30 AM - 10:20AM	Session #2: 14th GCPS Welcoming Plenary Session , Cypress Ballroom 3 14th GCPS Introduction and Welcome: Shakeel Kadri (<i>Executive Director, CCPS</i>) and Kathy Shell (<i>GCPS Chair</i>) Plenary Keynote Address: “Process Safety for a Sustainable World” Presented by Michael J. Graff , Chairman, CEO and President of American Air Liquide and Executive Vice President of Air Liquide Group					
	33rd Center for Chemical Process Safety International Conference (CCPS)	52nd Annual Loss Prevention Symposium (LPS)	20th Process Plant Safety Symposium (PPSS)	7th Process Safety Management Mentoring (PSMM)	Process Safety Spotlights	Perspectives on Process Safety from Around the World
	Session #7: Doing More With Less Grand Ballroom 8A Co-Chairs: Dave Moore, John Wincek	Session #8: Extreme Weather and Other External Events Grand Ballroom 7A Co-Chairs: Derek Miller, Henry Dwight	Session #9: PPSS 20th Anniversary “Best of the Best” I Grand Ballroom 7B Co-Chairs: Philip M. Myers, John W. Champion	Session #12: Tutorials in Process Safety – LPS I Grand Ballroom 8B Co-Chairs: Trey Morrison, Faraz Khan	Session #10: Pressure Relief Design Normative Application – In Honor of Ron Darby Grand Ballroom 9/10 Chair: George Melhem, Nirupama Gopalaswami	Session #11: Spanish Session: Compartiendo Conocimientos y Experiencias Sobre Seguridad de Procesos – Manejo del Riesgo I Grand Ballroom 11 Co-Chairs: Sergio Fernandez, Felipe Muñoz, Andrés F. Valencia
10:30 AM	Non-Intrusive Internal Inspections of Pressure Vessels in HHC Service <i>Russ Davis</i>	Resilience Against External Events Using Vulnerability Assessment and QRA <i>Peter A. McKnight</i>	The Process Plant Safety Symposium – Past, Present, and Future <i>Victor Edwards & Karen Study</i>	Evaluating Reactive Chemical Hazards <i>Pete Lodal</i>	Overpressure Protection of a Pressure Vessel by System Design through the Application of ASME VIII UG-140 in Lieu of a Relief Device by Appropriate Choice of MAWP and/or by Safety Instrumented System <i>Dilip Das</i>	Preparación de informes de seguridad usando la metodología Bowtie <i>Fidel Ilizastigui</i>
11:00 AM	Optimizing Your Remote HAZOP/LOPA Experience <i>Steven T. Maher</i>	Neighboring Risk Assessment for Integrated Gasification-ASU Plant, <i>Edward Cialkowski</i>	CSB Investigation Reports and the Hierarchy of Controls: Round 2 <i>Paul R. Amyotte</i>	Testing Reactive Chemical Hazards <i>Amy Theis</i>	Purpose Expectations and Benefits of Non-Mandatory Appendix M <i>Kerry McBride</i>	HAZOP/ What if? Herramientas de liderazgo y compromiso dentro de las organizaciones <i>Oswaldo Mata & Juan Chaw</i>
11:30 AM	Methodology to Prioritize Process Safety Action Items <i>Humbert J Howard</i>	Managing the Risk Associated with Severe Wind and Flood Events in the Chemical Processing Industries <i>Patrick Mahan</i>	Analysis of Spring Operated Pressure Relief Valve Proof Test Data: Findings and Implications <i>Julia V. Bukowski</i>	Learning from Reactive Chemistry Incidents <i>Ron Willey</i>	Pressure Relief Sizing Using Area to Charge Scaling Method and Automatic Pressure Tracking <i>Surendra Singh</i>	Cuando se reduce el riesgo en el papel pero se mantiene o incrementa en la planta <i>John Rueda</i>

Monday, April 23rd (Continued)

12:00 PM	AIChE Spring Meeting and GCPS Joint Luncheon with Speaker: Andrew Lenzen , Special Agent, Federal Bureau of Investigation – “ Cyber Threat Landscape ” Cypress Ballroom 3					
	<p>Session #18: Contractors as Operators - Panel Grand Ballroom 8A Co-Chairs: Scott Berger, Megan Murray</p>	<p>Session #22: Facility Siting, Consequence Analysis and Risk Assessment I Grand Ballroom 7A Co-Chairs: Sam Rodgers, Walt Frank</p>	<p>Session #26: PPSS 20th Anniversary “Best of the Best” II Grand Ballroom 7B Co-Chairs: Philip M. Myers, John W. Champion</p>	<p>Session #30: Tutorials in Process Safety – PPSS I Grand Ballroom 8B Co-Chairs: Sandipan Laskar, Mike Hazzan</p>	<p>Session #27: Pressure Relief Design Modeling – In Honor of Ron Darby Grand Ballroom 9/10 Co-Chair: Sam Wang, Srihari Maganti</p>	<p>Session #29: Spanish Session: Compartiendo Conocimientos y Experiencias Sobre Seguridad de Procesos – Manejo del Riesgo II Grand Ballroom 11 Co-Chairs: Sergio Fernandez, Felipe Muñoz, Andrés F. Valencia</p>
1:30 PM	<p>Manufacturer’s View: Managing Process Safety Risks of Contract Personnel in a Global Agriculture Company <i>Elliot Wolf</i></p> <p>Contractor’s View: Ownership is the Secret of Success <i>Lauren Madden</i></p> <p>Legal View: Legal Implications of Using Contractors as Operators <i>Michael Taylor</i></p>	<p>Advanced QRA Methodology – Quantifying Risk Reduction Measures to Minimize Economic Investment <i>Neil Prophet</i></p>	<p>Our Process Safety Journey Continues: Operational Discipline Today <i>Bruce K. Vaughen</i></p>	<p>California’s 2017 Process Safety Regulations for Oil Refineries - the Future of U.S. PSM Regulations? <i>Mike Wilson</i></p>	<p>Good Engineering Practice in Protecting Low Pressure Tanks <i>Davide Moncalvo</i></p>	<p>Como Enfrentar el Reto del Crecimiento Poblacional Alrededor de Instalaciones Industriales de Petróleo y Gas <i>María Trillos & William Gutiérrez</i></p>
2:00 PM		<p>Radiant Heat Flux Impact Criteria for API RP 752 Building Siting Studies <i>James Wesevich</i></p>	<p>Don’t Walk the Line – Dance It! <i>Jerry J. Forest</i></p>	<p>Jurisdictional Boundaries in Midstream - Where Is the Line? <i>Lauren Mercer</i></p>	<p>Selecting the Proper Gas Compressibility Z for Relief Valve Sizing <i>Freeman Self</i></p>	<p>Gestión del Conocimiento en el Complejo Industrial Plaza Huincul de YPF: Disciplina Operativa <i>Juan M. Fernández</i></p>
2:30 PM		<p>Getting It Right for Projects in Early Design Phase: Advanced Techniques to Ensure Accurate Explosion Assessments <i>Drew Botwinick</i></p>	<p>Corrosion Under Insulation Revisited – Aren’t we about to Finish that Project? <i>Andrew Morey</i></p>	<p>Game Based Learning; Reinforcing Process Safety <i>James Sneddon</i></p>	<p>Properly Size Two-Phase PRV – Easier than API 520 HDI Method <i>Guofu Chen</i></p>	<p>Nueva Estructura Legislativa Colombiana para el Programa de Prevención de Accidentes Mayores <i>Felipe Muñoz</i></p>
3:00 PM	<p>Coffee and Networking Break Cypress Ballroom 1/2</p>					

Monday, April 23rd (Continued)

	<p>Session #43: Human Performance Grand Ballroom 8A Co-Chairs: Eric Freiburger, Samantha Scruggs</p>	<p>Session #41: Facility Siting, Consequence Analysis and Risk Assessment II Grand Ballroom 7A Co-Chairs: Sam Rodgers, Walt Frank</p>	<p>Session #46: Process Safety Culture – Let’s Get Real Grand Ballroom 7B Co-Chairs: Katherine Prem, Ian S. Mylenbusch</p>	<p>Session #49: Tutorials in Process Safety – CCPS I Grand Ballroom 8B Co-Chairs: John Wincek, David Drabish</p>	<p>Session #45: Pressure Relief Design Learned from Practice – In Honor of Ron Darby Grand Ballroom 9/10 Co-Chair: Davide Moncalvo, Freeman Self</p>	<p>Session #48: Spanish Session: Compartiendo Conocimientos y Experiencias Sobre Seguridad de Procesos – Manejo del Riesgo III Grand Ballroom 11 Co-Chairs: Sergio Fernandez, Felipe Muñoz, Andrés F. Valencia</p>
3:30PM	<p>Human Factors in Real Life Applications - A Scuba Example <i>Trish Kerin</i></p>	<p>New Criteria for Safety Distances during Pneumatic Pressure Testing of Vessels and Piping <i>Derek Miller</i></p>	<p>Case Studies and Lessons from Process Safety Culture Improvement Initiatives <i>Steve Arendt</i></p>	<p>Tying It All Together <i>Barry W. Bennett</i></p>	<p>Test Based Good Engineering Practice in Avoiding Relief Valve Chatter on Cryogenic Low Pressure Storage Tanks Michael Davies</p>	<p>Culpar o Aprender. Desafío de la seguridad de Proceso <i>Nestor H. Sposito</i></p>
4:00 PM	<p>Do Not Investigate. Learn. Ask How! <i>Sahika Korkmaz & Jill Donnelly</i></p>	<p>"Fit-for-Purpose" Consequence Analysis as Demonstrated by Anhydrous Ammonia and Aqueous Ammonia <i>Keith Lennon</i></p>	<p>Contact Energy Process Safety - "Our Story". How Leadership and Staff Engagement Ensured That "Safe to Run" Was a Fundamental Culture Change Supported By System and Process Changes <i>Brendan Bleasdale</i></p>	<p>The Uses and Users of PHA/HAZOP Results <i>Jeff Thomas</i></p>	<p>Pressure Relief Design for Reactive Systems, <i>Michelle Murphy</i></p>	<p>Observaciones de seguridad de procesos – Identificación de Precursores de Incidentes <i>Juan M. López</i></p>
4:30 PM	<p>Helping Humans Get It Right <i>Lindsey Miller & Cheryl Grounds</i></p>	<p>Modeling Reactive Mixtures: Case Study for Spills of Formaldehyde Solutions <i>David W. Drew</i></p>	<p>Recommendations and the Broken KPI <i>Ron Mukherjee</i></p>	<p>Practical Application of Bowtie Analysis; Enhancing Traditional PHA <i>James Sneddon</i></p>	<p>A Structured Data Collection Approach to Improve Pressure Relief Analysis (PRA) Efficiency and Keep Process Safety Information (PSI) Documentation Ever-Greening <i>Pengchong Zhang</i></p>	<p>Disciplina Operacional: Una Necesidad para la Seguridad de Procesos <i>Jose Villarreal</i></p>
5:00 PM	<p>Session #53-54: Spring Meeting & GCPS Poster Session and Cocktail Reception (Includes electronic presentations of select posters) Cypress Ballroom 1/2 Co-Chairs: Marabeth Holsinger, Lauren Moyer, and Jeff Stawicki</p>					

Tuesday, April 24th

	33rd Center for Chemical Process Safety International Conference (CCPS)	52nd Annual Loss Prevention Symposium (LPS)	20th Process Plant Safety Symposium (PPSS)	7th Process Safety Management Mentoring (PSMM)	Process Safety Spotlights	Perspectives on Process Safety from Around the World
	Session #73: Process Safety Competency of Management Grand Ballroom 8A Co-Chairs: Rainer Hoff, Tim Murphy	Session #65: Fires, Explosions and Reactive Chemicals I Grand Ballroom 7A Co-Chairs: Kathy Pearson, Seshu Dharmavaram	Session #61: Best Practices in Process Safety and Risk Management Grand Ballroom 7B Co-Chairs: Karen Study, Laura Ankrom	Session #75: The Day PSM Hit Home I Grand Ballroom 8B Co-Chairs: Lisa Long, Michael Morris	Session #69: Instrumented Protective Systems I Grand Ballroom 9/10 Chair: Jim Garrison, Chris Iles	Session #72: Process Safety Activities in China I Grand Ballroom 11 Co-Chairs: Zhao Dong Feng, Liu Yi
8:00 AM	Balance in Technical and Human Competencies to Create a High-Performance Process Safety Culture <i>Coen van Driel</i>	A Simplified Approach to Gas Explosion Vent Sizing <i>C. Regis L. Bauwens</i>	Rare but Conceivable: Determining the Likelihood of Meteors and Other Infrequent Events <i>Michael S. Schmidt</i>	Why I am Passionate About Process Safety <i>Louisa Nara</i>	Applying Process Safety Time Concepts in Process Plant Applications <i>Tab Vestal</i>	Current Situation and Outlook of Urban Refineries in China <i>Yifei Meng</i>
8:30 AM	Corporate Governance and Leadership Related to Major Hazard Scenarios Is Leader Responsibility and Each Employee Commitment and Responsibility <i>Américo Diniz</i>	Hot Work Safety Zones – What if there is a Leak? <i>Trey Morrison</i>	Concept Risk Comparison of Transportation Means <i>Cynthia Spitzenberger</i>	That Can't Happen <i>Ken Tague</i>	Choosing HIPS over PRV – It's More than Risk Reduction <i>Angela E. Summers</i>	China's PSM Development and Global Cooperative Vision I <i>Haoshui Wang</i>
9:00 AM	Case Study in Organizational Risk Profiling - Bridging the Gap Between Risk and Decision Making <i>Nathan Turner</i>	Relief and Flare System Design Mitigation Options <i>Neil Prophet</i>	AFPM/API Advancing Process Safety - Practical Tools for Process Safety Performance Improvement <i>Dan Wilczynski</i>	The HDAY-4 Unit Catastrophic Fire. Three Decades of Asset Integrity Opportunities <i>Rixio Medina</i>	Pump BLEVE Protection Initiator Determination <i>Tab Vestal</i>	China's PSM Development and Global Cooperative Vision II <i>Haoshui Wang</i>
9:30 AM	Coffee and Networking Break Cypress Ballroom 1/2					

Tuesday, April 24th (Continued)

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	Session #98: Process Safety Competency Grand Ballroom 8A Co-Chairs: Jim Klein, Bernard Groce	Session #88: Fires, Explosions and Reactive Chemicals II Grand Ballroom 7A Co-Chairs: Kathy Pearson, Seshu Dharmavaram	Session #89: Improving Human Performance and Process Safety Effectiveness Grand Ballroom 7B Co-Chairs: Rahul Raman, Victor Edwards	Session #101: The Day PSM Hit Home II Grand Ballroom 8B Co-Chairs: Dan Miller, Cynthia Spitzenberger	Session #91: Instrumented Protective Systems II Grand Ballroom 9/10 Chair: Susan Behr, Tab Vestal	Session #97: Process Safety Activities in China II Grand Ballroom 11 Co-Chairs: Zhao Dong Feng, Liu Yi
10:15AM	Competency Requirements in Process Safety <i>Iwan van Beurden</i>	Don't Believe the Hype: Using Case Studies and Experimental Evidence to Show why the HSE is Wrong about Excluding DDTs <i>Scott Davis</i>	"Fast Food PHAs" - They're Fast and Cheap but Are They Good for You? <i>Philip M. Myers</i>	When the House Was a Rockin', Process Safety Came a Knockin' <i>Elliot Wolf and Florine Vincik</i>	A Hierarchical Bayesian Approach to IEC 61511 Prior Use <i>Stephen Thomas</i>	Process Safety Management in SINOPEC <i>Yutai Wang</i>
10:45 AM	Building Competency in Internal PHA Leaders - Lessons Learned in 40 Years of Doing So <i>William Bridges</i>	Vented Hydrogen DDTs <i>Brad Horn</i>	Internal Auditing – Improving Human Performance <i>Patti Jones</i>	The Day a 3-Mile Island Event did not Occur <i>Daniel Wilczynski</i>	Analysis of a Complex Protection Scheme with Component Sharing between Protection Layers <i>Robert J. Stack</i>	Current Situation and Prospect of Rotating Equipment Status Monitoring and Fault Diagnosis on Big Data <i>Niu Yun</i>
11:15 AM	Catalytic Processes - Process Safety Requirements <i>Geert Vercruyse</i>	Reaction Effluent Analysis Using Adiabatic Calorimetric Experiments <i>Katie Mulligan</i>	Impact of Human Performance on Process Safety Management <i>Vivek Bichave</i>	Why Are the New People Making the Same Mistakes That the Old-Timers Made 25 Years Ago? Managing Organizational Change <i>Art Dowell III</i>	Going Full Life Cycle with Process Safety Data <i>Kate Hildenbrandt</i>	Research and Application of Internet of Things Technology in Field Safety and Accident Prevention and Control <i>Huitao Ma</i>
11:45 AM	AICHe Spring Meeting and GCPS Joint Luncheon with Speaker: Delia Contreras , VP of Engineering – ES, Global Supply Chain, NALCO Champion An Ecolab Company – “Doing Better Together –Transforming Business Sustainability” Cypress Ballroom 3					

Tuesday, April 24th (Continued)

	33rd Center for Chemical Process Safety International Conference (CCPS)	52nd Annual Loss Prevention Symposium (LPS)	20th Process Plant Safety Symposium (PPSS)	7th Process Safety Management Mentoring (PSMM)	Process Safety Spotlights	Perspectives on Process Safety from Around the World
	Session #110: CCPS Spotlight Grand Ballroom 8A Co-Chairs: Fred Henselwood, Andrew Goddard	Session #111: Combustible Dust Hazards and Their Mitigation I Grand Ballroom 7A Co-Chairs: Jérôme Taveau, Susan Bershad	Session #120: Learning from Experience Grand Ballroom 7B Co-Chairs: Steven D. Emerson, Josh Moyers	Session #109: Careers in PSM Panel Grand Ballroom 8B Co-Chairs: Brian Dickson, Ray Qi	Session #113: Facility Security Grand Ballroom 9/10 Chair: Terry Waldrop, Paul Rostick	Session #126: Spanish Session: Compartiendo Conocimientos y Experiencias Sobre Seguridad de Procesos – Alarmas y SIS Grand Ballroom 11 Co-Chairs: Sergio Fernandez, Andrés F. Valencia
1:30 PM	The Roundabout Way to Disaster: Recognizing and Responding to Normalization of Deviance <i>Jennifer Mize</i>	How to Conduct a Dust Hazards Analysis (DHA), <i>Michelle Murphy</i>	Perceived Low Risk Processes Can be Important - Lessons to a Regulator Based on a Nuclear Fuel Facility Process Event <i>Donnie Harrison</i>	Q&A on Developing your Career in Process Safety <i>Steve Cutchen</i> <i>CSB</i> <i>Lisa Long</i> <i>OSHA</i> <i>Samantha Scruggs</i> <i>BP</i> <i>John Wincek</i> <i>DEKRA</i>	Cyber Security Consideration in Process Hazard Analysis <i>Christopher Ng & Addie Cormier</i>	Seguridad de procesos en el upstream: Operación basada en riesgo en Vaca Muerta <i>Victor Cabanne</i>
2:00 PM	CCPS Ever Green Process Safety Metric Project <i>Eric Freiburger</i>	Combustible Dust Management Screening: Methodology and Tool Development <i>Sean Classen</i>	Flag on the Play; Delay of Game <i>John Herber</i>		If It Isn't Secure, It Isn't Safe: Incorporating Cybersecurity into Process Safety <i>John Cusimano</i>	Medición de la efectividad del SIS en campo ¿Concuerda con las suposiciones del análisis de riesgo? <i>Alejandro Esparza</i>
2:30 PM	Essential Practices for Developing, Strengthening and Implementing Process Safety Culture and Leadership <i>Scott Berger</i>	Risk-Based Dust Hazard Analysis (DHA) <i>Fuman Zhao</i>	Never Again - How to Remember Lessons Learned <i>Jack McCavit</i>		Chemical Facility Anti-Terrorism Standards (CFATS) Implementation at Tennessee Eastman Chemical Company <i>David Skelton</i>	Aplicación práctica de un Functional Safety Pre-Assessment según la normativa IEC 61511-1 <i>Romel Rodríguez & Eliana Berroteran</i>
3:00 PM	Coffee and Networking Break Cypress Ballroom 1/2					

Tuesday, April 24th (Continued)

	<p>Session #145: Operating Discipline Grand Ballroom 8A Co-Chairs: John Champion, Bill Bradshaw</p>	<p>Session #134: Combustible Dust Hazards and Their Mitigation II Grand Ballroom 7A Co-Chairs: Jérôme Taveau, Susan Bershad</p>	<p>Session #132: Application of Risk Assessment Methods and Tools Grand Ballroom 7B Co-Chairs: Sean P. Lapekas, Jack Chosnek</p>	<p>Session #150: Tutorials in Process Safety – CCPS II Grand Ballroom 8B Co-Chairs: Myron Carlson, Bill Mosier</p>	<p>Session #135: Cyber Security Panel Grand Ballroom 9/10 Co-Chair: Wayne Chastain, Kimberly Mullins</p>	<p>Session #147: Portuguese Session: Compartilhando Conhecimentos e Experiências de Segurança de Processos Grand Ballroom 11 Co-Chairs: Eduardo M. Francisco, Nestor Sposito</p>
3:30 PM	<p>Risk Awareness: The Key to Operational Discipline <i>Alfonsius Ariawan</i></p>	<p>Metal Powder and Nanoparticles: Combustible Dust Safety Challenges? <i>Gerd Mayer</i></p>	<p>Applying an Enterprise Risk Management Framework to Process Safety <i>Muhammad Mushahid Qureshi</i></p>	<p>Tutorial in Fire Safety & Emergency Management <i>Keith Farmer and Joe Chew</i></p>	<p>Panel Discussion Featuring Invited Speakers</p>	<p>Risk Approach for Urban Planning Around Chemical Plants <i>Elizabeth Alves</i></p>
4:00 PM	<p>Know Your Limits <i>Jerry Forest</i></p>	<p>Electrostatic Hazards during Pneumatic Conveying of Combustible Dusts in Flexible Hoses <i>Michael Stern</i></p>	<p>What Is the Safest Way to Move LNG? <i>Ryan J. Hart</i></p>	<p>Tutorial in Hazardous Materials Response / Emergency Management <i>Tom Keefer and Barry Lindley</i></p>		<p>Developments of an effective training on operational discipline in Latin America <i>Eduardo M. Francisco</i></p>
4:30 PM	<p>How Human Factors and Operational Discipline Impact Barrier Management <i>Kyle Wingate</i></p>	<p>Investigation of the Lower Explosion Limit of Hybrid Mixtures <i>Emmanuel Addai</i></p>	<p>Beyond HAZOP: Analyzing Common Cause and System Scenarios <i>Eloise Roche</i></p>	<p>Tutorial in Mechanical Integrity / Quality Assurance <i>Scott Dean</i></p>		<p>Sound and Fury: How Clean is Your Alarm System? <i>Monica Hochleitner</i></p>

Wednesday, April 25th

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	Session #152: Assuring/Verifying Barriers I Grand Ballroom 8A Co-Chairs: San Burnett, Seshu Dharmavaram	Session #154: Emerging Topics and Technologies Grand Ballroom 7A Co-Chairs: Elliot Wolf, Pete Lodal	Session #159: MOC's Gone Wild –Essential but Challenging to Get Right Grand Ballroom 7B Co-Chairs: Colin S. Howat III, Neha Suresh Rajan	Session #167: Tutorials in Process Safety – PPSS II Grand Ballroom 8B Co-Chairs: Rao Akula, Eric Peterson	Session #156: Inherently Safer Design I Grand Ballroom 9/10 Co-Chairs: Nirupama Gopalaswami, Brad Newman	Session #158: Japan's Process Safety Progress – Lessons Learned from Past Accidents to Reduce Future Losses Grand Ballroom 11 Co-Chairs: Masaki Nakagawa, Hisashi Shibuya
8:00 AM	Are Your Barriers Ready for Action? Are You Sure? <i>Christopher Ronk</i>	Unmanned Aircraft Systems (UAS): Case Studies that Highlight Challenges and Opportunities <i>Florine Vincik</i>	Auditing MOC: A Target-Rich Environment <i>Charles Foshee</i>	Process Safety Aviation Series: And... Who Is the Pilot? <i>Ignacio Alonso and Mike Broadribb</i>	Inherent Safety and the Elements of PSM / RBPS Programs <i>Michael Hazzan</i>	Learning from Lubes Plant Fire – Importance of Hazard Identification and Preparation <i>Masaki Iguchi</i>
8:30 AM	Making Everyone a Barrier Guardian <i>Steve Arendt</i>	Composite Intermediate Bulk Containers (CIBCs): Understanding Risks & Emerging Fire Code Issues <i>Michael Snyder</i>	Managing the Risk of MOC <i>Jack Chosnek</i>	Preparing for a Successful HAZOP/LOPA (Making or Breaking Quality & Efficiency) <i>Steven T. Maher</i>	Encouraging the Use of Inherent Safety <i>David Moore</i>	Tsunami-Induced Oil Spill Fire Simulation in the Vicinity of Petroleum Industries in Japan <i>Tomoaki Nishino</i>
9:00 AM	Maintaining the Integrity of Safety Barriers - A Challenge <i>Rajender Dahiya</i>	Enabling Real-Time Hazard Assessment at the Workplace <i>Nastassja Lewinski</i>	The “Projectness” of MOC <i>Rainer Hoff</i>	Understanding the Interrelationships Between the PSM Elements for Effective Implementation <i>Revonda Tew</i>	Application of a Property-Based Inherent Safety Quantification Framework for Integrating Risk Assessment into the Process Safety Life Cycle <i>Monzure-Khoda Kazi</i>	Business Continuity Plan for the Next Large Scale Earthquake “Nankai-Trough” at the Refinery in Japan <i>Hayato Abe</i>
9:30 AM	Coffee and Networking Break Cypress Ballroom 1/2					

Wednesday, April 25th (Continued)

	Session #176: Assuring/Verifying Barriers II Grand Ballroom 8A Co-Chairs: Chris Israni, Dan Rathgeber	Session #175: Asset Integrity and Reliability Grand Ballroom 7A Co-Chairs: Mike Moosemiller, John Murphy	Session #187: Technology Impact on Process Safety Grand Ballroom 7B Co-Chairs: Rainer Hoff , Jerry J. Forest	Session #188: Tutorials in Process Safety – LPS II Grand Ballroom 8B Co-Chairs: David Moore, Daniel Wilczynski	Session #181: Inherently Safer Design II Grand Ballroom 9/10 Co-Chairs: Ray Mentzer, David Skelton	Session #182: Japan’s Process Safety Progress – Technical Considerations in Process Safety Grand Ballroom 11 Co-Chairs: Neil Concibido, Atsumi Miyake
10:15 AM	Functional Safety Practices for Operations and Maintenance <i>Denise Chastain-Knight</i>	From Availability to Integrity <i>David Hanning</i>	Using Connected Systems to Improve Process Safety <i>Scott M. Wozniak</i>	Dust Explosion Propagation and Isolation <i>Jérôme Taveau</i>	Evaluating Inherently Safer Design with Multi- Attribute Utility Theory <i>Sean Dee</i>	A Study of Vent Sizing for Chemical Reaction Runaway <i>Yuto Mizuta</i>
10:45 AM	Understanding IPL Boundaries <i>Art Dowell III</i>	Understanding the Impact of Acoustic Induced Vibration on Piping Systems <i>Josh Kolenc</i>	Technology Impact on Process Safety through the Cloud <i>Annant Srivastava</i>	Analysis of Dust Concentration Measurements Taken during the Filling Process of a Silo <i>Pablo Garcia Triñanes</i>	Inherently Safer Process Design: Assessing the Thermal Stability of Common Peptide Coupling Reagents <i>Jeffrey Sperry</i>	Applying Comprehensive Societal Risk Framework to Hydrogen Station <i>Atsumi Miyake</i>
11:15 AM	Use Process Historian Data to Understand and Assure Barriers <i>Anthony Downes</i>	Creating an Effective Asset Integrity Management Program <i>Lauren Moyer & Matthew Hedlund</i>	Data Mining and Analysis for Alarm Management <i>Pankaj Goel</i>	The Design and Operation of Multi-Point Dust Collection Systems <i>Yi Fan & Karl Jacob</i>	Development of a Risk Based Inherent Safety Index Using an Integrated Approach <i>Prerna Jain</i>	Combustion of Lubricating Oil Penetrated into the Heat Insulator <i>Osamu Chiyoda</i>
11:45 AM	AIChE Spring Meeting and GCPS Joint Luncheon with Speaker: Jun Mutoh , Representative Director, Executive Vice President, JXTG Holdings, Inc. – “Beyond Operations Management Systems – Establishing a Solid Safety Culture” Cypress Ballroom 3					
	Session #198: Case Histories and Lessons Learned – GCPS Joint Session Grand Ballroom 7A/B Co-Chairs: Fred Gregory, Jennifer Mize, and Morgan Reed					
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	20 Years of Chemical Safety and the Changing Environment <i>Vanessa Sutherland</i>					
2:30PM	Bonded, Grounded, and Burned to a Crisp: Electrostatic Ignition of Flammable Gases <i>Brenton L. Cox</i>					
3:00 PM	Break					
3:15 PM	Expect the Unexpected: Hydrogen Sulfide Exposure during Troubleshooting <i>Kathy Pearson</i>					
3:45 PM	Importance of Properly Designing Dust Explosion Protection Systems: Case Study: 2014 Georgia Pacific Corrigan Facility Fire and Explosion <i>Scott G. Davis</i>					
4:15 PM	Deflagration Incident in an Organic Peroxide Solution Tank <i>Ben McDavid</i>					
4:45 PM	GCPS Concluding Remarks					