

Sunday, March 30	
8:00 AM – 5:00 PM	GCPS Short Courses
6:30 PM – 8:00 PM	2014 AIChE Meeting and 10 th GCPS Opening Reception Location: Hilton, Grand Ballrooms C/D
7:30 PM – 10:00 PM	10 th GCPS Banquet Location: Hilton, Versailles Ballroom
MONDAY, March 31	
7:00 AM	Complimentary Continental Breakfast Location: Hilton, Grand Ballroom Foyer
8:00 AM	2014 AIChE Spring Meeting and 10 th GCPS Opening Plenary Session: Otis Shelton , AIChE President and June C. Wispelwey , AIChE Executive Director Location: Hilton, Grand Ballrooms C/D
8:30 AM	Keynote Address: William F. Banholzer , CTO, The Dow Chemical Company (ret.) Location: Hilton, Grand Ballrooms C/D Keynote Address: Possible vs. Practical: Engineers Must Lead the Development of Practical Technologies
9:15 AM	Coffee and Networking Break Location: Hilton Exhibition Center
9:40 AM	10th GCPS Welcoming Plenary Session Location: Grand Ballrooms C/D 10th GCPS Introduction and Welcome: Scott Berger (Executive Director, CCPS) and Jatin Shah (GCPS Chair) Symposia Introductions: Jeff Fox (CCPS Chair), Farzin Sabet (LPS Chair), Robert Wasileski (PPSS Chair), Carlos Barrera (PSM ²), and Cheryl Grounds (Process Safety Spotlight Track Chair) Presentation of William H. Doyle Award for LPS Best Paper Award and PPSS Best Paper Award

MONDAY, March 31					
	48th Annual Loss Prevention Symposium (LPS)	29th Center for Chemical Process Safety International Conference (CCPS)	16th Process Plant Safety Symposium (PPSS)	3 rd Process Safety Management Mentoring (PSM ²) Forum	Process Safety Spotlights
	<i>Risk Assessment and Analysis/Consequence Modeling I</i>	<i>Learning From Incidents / Near Misses To Drive Improvement</i>	<i>Management Of Change</i>	<i>PSM Introduction ‘Master Class’</i>	<i>Understanding, Measuring and Optimizing Human Performance at All Levels of the Organization I</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6
	Co-Chairs: Kathleen Kas Ronald Willey	Co-Chairs: Timothy Murphy Swati Umbrajkar	Co-Chairs: Sandipan Laskar Donald DuPont	Co-Chairs: Lisa Long Carlos Barrera	Co-Chairs: Sunil D. Lakhiani Julie Bell
10:30 AM	Hydrogen Ignitions – Wildly Differing Opinions, and Reasons Why Everyone Could Be Right <i>Michael Moosemiller</i>	Too Close for Comfort – Part 2 <i>Mike Broadribb</i>	Improving Recognition of Change <i>Donald K. Lorenzo</i>	Panelists include: <i>Michael L. Marshall, OSHA</i> <i>John W. Herber, Process Hazard Management Services, LLC.</i>	The Management of Human Factors in UK Major Hazard Sites: Drawing on the UK Regulatory Perspective <i>(Julie Bell)</i>
11:00 AM	Dispersion of Heavy Gases - Experimental Results and Numerical Simulations <i>Christian Rauchegger</i>	Root Causes and Causal Factors: Effective Incident Investigation Closure <i>Carlos A. Barrera</i>	The PHA-MOC Interaction – Getting the Best out of Both Processes <i>Rainer Hoff</i>		Task-Based Approach to Addressing Human Performance in Design <i>(C. Parker, M. Gandhi)</i>
11:30 AM	Applicability of Currently Available Flare Radiation Models for Hydrogen and Syngas <i>Derek Miller</i>	Performing Data Analysis of a Company’s Global Process Safety Events <i>Kelly Keim</i>	Using Metrics to Make Improvements in Management of Change Systems <i>Mason Martin</i>		Operator Errors and What Can be Done to Minimize <i>Dustin Beebe</i>
12:00 PM	Luncheon with Speaker: Dr. Bea Ponnudurai, Head of Group HSE Division, PETRONAS Presentation Title: Process Safety Implementation - Challenges and Success Stories Location: Grand Ballrooms C/D				

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	<i>Risk Assessment and Analysis/Consequence Modeling II</i>	<i>Using Leading Indicators As a Recipe For Success</i>	<i>Applying LOPA in Practice</i>	<i>PSM: The Academia - Career Connection</i>	<i>Understanding, Measuring and Optimizing Human Performance at All Levels of the Organization II</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6
	Co-Chairs: Kathleen Kas Ronald Willey	Co-Chairs: Sara Saxena Stacey Moore	Co-Chairs: John Murphy Chad Schaffer	Co-Chairs: Brian Dickson Stephanie Loveland	Co-Chairs: Sunil D. Lakhiani Julie Bell
1:30 PM	Simplified Methods Of Using Probit Analysis In Consequence Modeling <i>Michael D. James</i>	Application of Leading and Lagging Indicators to Improve Situation Analysis <i>Tianxing Cai</i>	Overcoming Challenges In Using Layers of Protection Analysis (LOPA) To Determine Safety Integrity Levels (SILs) <i>Paul Baybutt</i>	Process Safety in the Classroom: The Current State of Chemical Engineering Programs at US Universities <i>Sean J. Dee</i>	The Art, Science and Psychology of Improving Human Performance Using a New Collaborative Based Learning Model <i>Richard Boutwell</i>
2:00 PM	Infiltration Hazards for Building Siting Studies <i>Jeffrey D. Marx</i>	Driving Performance Improvement Using Progressive Leading Indicators <i>Joe Stough</i>	Lessons Learned from Application of LOPA Throughout the Process Lifecycle <i>William Bridges</i>	PSM - Just a Job, or a Calling? <i>Claire Fluegeman</i>	Human Performance Improvement Going Beyond Human Factors <i>Charles A. Soczek</i>
2:30 PM	Assessment of the Likelihood of Exceeding the Flare Capacity of Multiple LNG Processing Trains <i>Ricardo Lopez</i>	Indicators in Safety Management: Cartography of Approaches and Applications <i>Chabane Mazri</i>	Leading LOPA Forward: A CCPS Evergreen LOPA Database <i>Wayne Chastain</i>	Preparing and Presenting a College Workshop on Process Hazard Analysis <i>Wayne Buck</i>	Education, Planning, and Design: Three Key Aspects of a Fatigue Risk Management System <i>Sarah Acton</i>
3:00 PM	Coffee and Networking Break Location: Hilton Exhibition Center				

	<i>Risk Assessment and Analysis/Consequence Modeling III</i>	<i>Safety of Intended Chemistries</i>	<i>Validation and Maintenance of Independent Protection Layers (IPLs)</i>	<i>PSM² – YPD Panel</i>	<i>Understanding, Measuring and Optimizing Human Performance at All Levels of the Organization III</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6
	Co-Chairs: Kathleen Kas Ronald Willey	Co-Chairs: John Wincek Seshu Dharmavaram	Co-Chairs: Kathy Shell Shannon Ross	Co-Chairs: Carlos Barrera Lisa Long	Co-Chairs: Sunil D. Lakhiani Julie Bell
3:30 PM	Properly Calculate Vessel and Piping Wall Temperatures during Depressuring and Relief <i>Georges Melhem</i>	Assessing Thermal Stability – the Challenge of Powders <i>Stephen Rowe</i>	Are You Being Honest with Yourself Regarding IPL Integrity? <i>Andrew Madewell</i>	Panelists include: <i>Cheryl Grounds</i> , BP <i>Henry Febo</i> , FM Global <i>Lisa Long</i> , OSHA <i>Bob Benedetti</i> , NFPA <i>Americo Diniz Carvalho Neto</i> , Braskem	Transforming Near-Miss Experience into Global Risk Reduction & Accident Prevention Training Techniques <i>Sunil D. Lakhiani</i>
4:00 PM	Thermodynamic Release Scenario Modeling and Air Dispersion Modeling for Incident Prevention, Mitigation and Emergency Response Planning at an Acrolein Storage and Transfer Facility <i>Riffat Qadir</i>	Intrinsic Hazards Assessment: Chemical Reactivity Hazards Assessment for Nitration Processes and Nitrochemicals Handling <i>R. W. Trebilcock</i>	IPL/CMS- Integrity Management of Non-SIS Independent Protection Layers After the LOPA <i>Ronald Nichols</i>		Multiple Perspectives on the Role of Safety Leadership in Major Hazard Organisations <i>Julie Bell</i>
4:30 PM	Venting Flammable Gas to a "Safe Area": An Objective Review of Best Practices and Guidelines <i>Delmar “Trey” Morrison</i>	Safe Scale-Up of Advanced Battery Materials <i>G. K. Krumdick, K.Pipek</i>	Auditing IPLs -- Using Safety Critical Functions Manuals Michael S. Schmidt		A New Method for Safety Culture Evaluation in Process Systems <i>Paulo V. R. Carvalho</i>
5:00 PM	GCPS Electronic and Paper Poster Session and Cocktail Reception Co-Chairs: Nicholas N. Cristea, Joyce M. Becker, Jennifer Mize, Beth Lutostansky, Joan M. Schork Location: Grand Salons 19-24				

TUESDAY, APRIL 1

	48th Annual Loss Prevention Symposium (LPS)	29th Center for Chemical Process Safety International Conference (CCPS)	16th Process Plant Safety Symposium (PPSS)	3 rd Process Safety Management Mentoring (PSM ²) Forum	Process Safety Spotlights	
	<i>Advanced Prevention and Mitigation Techniques I</i>	<i>Process Safety in Action</i>	<i>Innovations and Best Practices in Process Risk Management I</i>	<i>Soft Skills in Process Safety</i>	<i>Light Tight Oil and Shale Gas Rapid Growth and Development (Co-programmed by Spring Meeting and GCPS)</i>	<i>Chinese Session I</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6	Location: Grand Salon 16
	Co-Chairs: Erdem Ural Robert Johnson	Co-Chairs: Jerry Forest Russell A. Ogle	Co-Chairs: Philip M. Myers Nico Versloot	Co-Chairs: Ruifeng “Ray” Qi Sarah Ware	Co-Chairs: Tim Olsen Jatin Shah	Co-Chairs: Zhao Dongfeng Liu Yi
8:00 AM	Chemical Explosion Isolation for Small Contained Vessels <i>Jérôme Taveau</i>	The Illusion of Attention: Are There Gorillas in Your Plant? <i>Elliot Wolf</i>	Real-Time Risk Assessment and Decision Support <i>Andy Bolsover</i>	How to Influence the Organization <i>John Wincek</i>	Panelists include: <i>Lawrence Kremer, Baker Hughes</i> <i>Robert Loughney, Blue Marble Risk</i> <i>Brian Kelly, CCPS</i> <i>Kai Midboe, McGlinchey Stafford</i>	The Assessment of ‘Vulnerability-Capability’ in Oil Transportation: Application to an Oil Pipeline <i>Dongfeng Zhao</i>
8:30 AM	Advantages of Constant Flowrate Depressuring <i>Sanjay Ganjam</i>	How are We Doing? Project 247 – Merging PSM Metrics and Management Systems <i>Bruce Vaugh</i>	The Role of Sequential Automation in Improving Process Safety <i>David Huffman</i>	How is Your Process Safety Vision <i>Steve Arendt</i>		Professional Accident Emergency System of CNPC and Its Operation <i>Shengli Chu</i>
9:00 AM	Lightning Warning Techniques for Risk Mitigation <i>Mitchell Guthrie</i>	Where are We Going? Vision 2020 Jack McCavit	Enabling Better Day to Day Process Safety Decision Making by Linking Asset Integrity Risk and Work Risk <i>Mike Neill</i>	Blah, Blah, Blah!!! - Effective Individual and Team Communication Lead to Effective PHAs <i>John T. Perez</i>		Research on Risk Analysis and Control Measures of Oil Sands Bitumen Processing <i>Yuming Zhu</i>
9:30 AM	Coffee and Networking Break Location: Hilton Exhibition Center					

	<i>Advanced Prevention and Mitigation Techniques II</i>	<i>Improving Facility Siting Management</i>	<i>Innovations and Best Practices in Process Risk Management II</i>	<i>Guidelines for Successful PSM Implementation</i>	<i>Process Safety in the Upstream Industry I</i>	<i>Chinese Session II</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6	Location: Grand Salon 16
	Co-Chairs: Erdem Ural Robert Johnson	Co-Chairs: Don Connolley Martin Timm	Co-Chairs: Philip M. Myers Nico Versloot	Co-Chairs: David J. Kamrath Luke Richardson	Co-Chairs: Tracy Whipple Brian Kelly Ignacio Jose Alonso	Co-Chairs: Zhao Dongfeng Liu Yi
10:15 AM	Using Dynamic Analysis for Accurate Assessment of Pressure Relief and Blowdown System Performance <i>James Marriott</i>	Using Quantitative Risk Assessment to make Billion Dollar Decisions <i>Jim Salter</i>	Improving Plant Safety – An Operator Centric View on Process Safety <i>Gregor Fernholz</i>	Process Safety Performance Management – a Strategic Approach for Sustainable Improvement <i>Steve Arendt</i>	Piper Alpha 25 Years – Progress and Challenges Remaining for the Offshore Industry <i>Robin Pitblado</i>	Investigation About Three Fire and Explosion Accidents of a Foaming Agent Production Enterprises <i>Sining Chen</i>
10:45 AM	Selection of Pressure Protection Disposal Systems for Atmospheric Discharges <i>Abdul Aldeeb</i>	Facility Siting Rule Set for the TNO -Multi-Energy Model for Congested Volumes (PES) and Severity Levels <i>Kelly Thomas</i>	Design Options for Overfill Protection for Aboveground Atmospheric Tanks – Best Practices <i>Satyajit Verma</i>	Systematic Analysis and Learning from Process Safety Incidents <i>Stephen James</i>	BP's Process Safety Journey: Enhancing Risk Management in Global Upstream Operations <i>Steven Flynn</i>	Safety Research on Methanol-to-Olefins Process <i>Fan Zhang</i>
11:15 AM	Risk-Based Fault Detection and Diagnosis <i>Omid Zadakbar</i>	Examining the Use of Blast Resistant Modules (BRMs) Within API 753 Zones 1 and 2 <i>David Skelton</i>	Process Modelling Requirements for the Safe Design of Blowdown Systems – Changes to Industry Guidelines and How This Impacts Current Practice <i>James Marriott</i>	“All in” Means “All the Time” <i>Jennifer Mize</i>	Development and Application of Spacing Chart for Simultaneous Operations (SIMOPs) in Unconventional Shale Gas Fields <i>Peng Lian</i>	Comprehensive Evaluation of Safety Level on Tank Farm <i>Dongfeng Zhao</i>
11:45 AM	Luncheon with Speaker: Luke Kissam, President and Director of Albemarle Presentation Title: Creating a Safety Culture Location: Grand Ballrooms C/D					

	<i>Combustible Dust Hazards I</i>	<i>Enterprise Risk Assessment / Management</i>	<i>Process Hazard Analysis: New and Innovative Approaches</i>	<i>PSM in Practice I</i>	<i>Process Safety in the Upstream Industry II</i>	<i>Spanish-Panel Discussion</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6	Location: Grand Salon 16
	Co-Chairs: Walt Frank Jérôme Taveau	Co-Chairs: Andrew Goddard Brad Newman	Co-Chairs: Christy Blanchard Andrew P. Hart	Co-Chairs: Brenton L. Cox Mervyn Carneiro	Co-Chairs: Tracy Whipple Brian Kelly Ignacio Jose Alonso	Co-Chairs: Laura Turci Nestor Sposito
1:30 PM	Unknown Aspects of Metal Dust Explosions <i>Kees Van Wingerden</i>	Integrating Corporate Safety Culture and Process Safety after merger – a Personal Perspective <i>Sabine Knedik</i>	PHA Analysis of Loss of Containment Events Involving Fixed Assets <i>Russ Davis</i>	Typical Elements of Process Safety Management <i>Flavio L B Diniz</i>	Well, Well! Are We Drilling in the Right Direction? <i>Mike Broadribb</i>	<i>Clara Ines Arbelaez</i> <i>Ecopetrol</i> <i>Luis Guillermo Alzate</i> <i>Equion Energia</i> <i>Gustavo Correa</i> <i>YPF</i>
2:00 PM	ASTM E2931: A New Standard for the Limiting Oxygen Concentrations of Combustible Dusts <i>Ashok Dastidar</i>	Managing Operational Risk in an Enterprise Risk Management Framework <i>Jean Bruney</i>	Requirements For Improved PHA Methods: Addressing Weaknesses In HAZOP and Other Traditional PHA Methods <i>Paul Baybutt</i>	Safety Leadership & Implementation Independent of Culture <i>Kumar (Chris) Israni</i>	Implementation of Process Safety Metrics in Wells and Drilling Activities at Petrobras <i>Felipe Carvalho</i>	
2:30 PM	A Correlation for the Lower Flammability Limit of Hybrid Mixtures <i>Jiaojun Jiang</i>	One Company’s Approach on Relative Ranking of Portfolio of Process Safety Risk <i>Derek Miller</i>	Driving Consistency in the Estimation of Severity Levels in PHA Studies <i>Marc Guindon</i>	The Legal Requirements of The PSM Standard: Finding Your Way <i>Michael T. Taylor</i>	Are We Really Learning from Major Accidents in Drilling Operations? <i>Claudio Castaneda</i>	
3:00 PM	Coffee and Networking Break Location: Hilton Exhibition Center					

	<i>Combustible Dust Hazards II</i>	<i>Risk Assessment Methodologies: Revalidation and Improvement</i>	<i>Process Safety Culture</i>	<i>PSM Elements Overview: The Three M's: MOC, MI, and Metrics</i>	<i>Process Safety in the Upstream Industry III</i>	<i>Portuguese Session</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6	Location: Grand Salon 16
	Co-Chairs: Walt Frank Jérôme Taveau	Co-Chairs: John Champion Wayne Chastain	Co-Chairs: Russ Davis Luke Kittmer	Co-Chairs: Jason F. White Gustavo Correa	Co-Chairs: Tracy Whipple Brian Kelly Ignacio Jose Alonso	Co-Chairs: Americo Diniz Carvalho Neto Antonio Ribeiro
3:30 PM	Prescriptive Versus Performance Based Mitigation of Combustible Dust Hazards <i>Alfonso Ibarreta</i>	A Prudent Approach to Revalidating Process Hazard Analysis <i>Sandipan Laskar</i>	Searching for the Variables and Modifiers to Safety Climate and Safety Culture <i>Fred Infortunio</i>	Keys to Avoid Making a Dog's Breakfast out of Your MOC System <i>Revonda Tew</i>	Tangible Benefits Derived From the Application of the HAZOP Methodology for Process Safety Risk Assessments of MODUs and Land Drilling Units <i>David A. Jones</i>	Modeling Oil Spill Defense System Using Functional Resonance Analysis Method <i>Paulo V. R. Carvalho</i>
4:00 PM	Lessons Learned and Efficiencies Developed in Conducting Dust PHAs <i>David Campbell</i>	Risk Assessment Challenges to 20:20 Vision <i>Angela E. Summers</i>	<i>Benchmarking Safety Culture in Major Hazards Industries in the Rotterdam Area</i> <i>Gerard I.J.M. Zwetsloot</i>	Mechanical Integrity 101 for Process Safety Professionals <i>Robert C. Smith</i>	The Regulation of Offshore Process Safety <i>Jerad Denton</i>	Influence of Wind Direction on Gas Detector Allocation in Offshore Production Unit <i>Thábata Maciel</i>
4:30 PM	From Scotch Tape to Body Armor: Combustible Dust Implementation <i>Monica Stiglich</i>	Understand the Main Scenarios and Hazard and How its Controls are Being Managed. <i>Americo Diniz Carvalho Neto</i>	Process Safety Culture - Making This a Reality <i>ChoNai Cheung</i>	Enabling Performance Management – Producing vs. Collecting Metrics Data <i>Alfonsius Ariawan</i>	Implementation of Design Best Practices for Upstream Safety and Environmental Management System Program <i>Sandipan Laskar</i>	Model to Implement Industrial and Operational Certification Program <i>Débora Brito dos Santos</i>

WEDNESDAY, April 2					
	48 th Annual Loss Prevention Symposium (LPS)	29 th Center for Chemical Process Safety International Conference (CCPS)	16 th Process Plant Safety Symposium (PPSS)	3 rd Process Safety Management Mentoring (PSM ²) Forum	Process Safety Spotlights
	<i>Fires, Explosions, and Reactive Chemicals I</i>	<i>Risk Management: Journey of Continuous Improvement</i>	<i>Improving Process Safety Performance</i>	<i>PSM in Practice II</i>	<i>Best of the Best: 10 Years of GCPS Best Papers I</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6
	Co-Chairs: Henry Febo Kendall Werts	Co-Chairs: Ryan Hart Jim Klein	Co-Chairs: Colin S. Howat Yuan Lu	Co-Chairs: Ravi Ramaswamy Michael Morris	Co-Chairs: Fred Henselwood Karen Tancredi
8:00 AM	Are Unconfined Hydrogen Vapor Cloud Explosions Credible? <i>Kelly Thomas</i>	Update EPA Actions – Chemical Safety and Security Executive Order <i>Jennings Kim</i>	Influence of Customers on PSM Programs – Hitting a Moving Target <i>Hope A. Luebeck</i>	Compliance: The Necessary Evil <i>Brian D. Rains</i>	Overview of Inherently Safer Technology <i>Dennis Hendershot</i>
8:30 AM	Flame Propagation Speed of Hydrocarbon Aerosols Generated by Electroscopy <i>Yan-Ru Lin</i>	Risk Adverse or Risk Ad Nauseum <i>John F. Kill</i>	Process Safety: Are You Managing Your Hazards or Managing Your Activities? <i>Stephen Gill</i>	Engaging Senior Management in Process Safety: A Case History <i>David J. Kamrath</i>	More Lessons “Re-Learned” from Corrosion Under Insulation <i>Kenan Stevick</i>
9:00 AM	Overlooking Hazards in Hazardous Waste: Lessons Learned from Case Studies of Hazardous Waste/Chemical Reactivity Incidents <i>Brenton L. Cox</i>	For Want of a Nail, the Kingdom was Lost: Process Safety Management of Gaskets and Flanged Connections. <i>Jeremy Nelson</i>	Walk the Line <i>Jerry J. Forest</i>	Engaging Employees in Catastrophic Event Prevention <i>Greg Robinson</i>	Vinyl Chloride Monomer Explosion <i>Lisa Long</i>
9:30 AM	Coffee and Networking Break Location: Hilton Exhibition Center				

	<i>Fires, Explosions, and Reactive Chemicals II</i>	<i>Leadership: Process Safety Culture & Stakeholder Outreach</i>	<i>Process Safety Competency</i>	<i>PSM Elements Overview: Risk, Safety Information, and Design</i>	<i>Best of the Best: 10 Years of GCPS Best Papers II</i>
	Location: Grand Salons 8/9/11/12	Location: Grand Ballroom A	Location: Grand Ballroom B	Location: Grand Salons 7/10	Location: Grand Salons 1-6
	Co-Chairs: Henry Febo Kendall Werts	Co-Chairs: Lizabeth Cisneros Amanda Chapman	Co-Chairs: William Bridges Lina Saenz	Co-Chairs: Bruce K. Vaughen Faraz Khan	Co-Chairs: Fred Henselwood Karen Tancredi
10:15 AM	The Fire Case for Pressure Relief: Radiation Exposure Limited by Fuel Supply <i>Debby Sielegar</i>	Becoming a Great Process Safety Leader <i>Greg Robinson</i>	Is There an Acceptable Level of Competence in Process Safety for a Graduate Chemical Engineer? <i>Daniel A. Crowl</i>	Assessing the Correct Risk in a PHA <i>Jack Chosnek</i>	Combustible Dust Explosion Venting <i>Erdem Ural</i>
10:45 AM	Impact of DDT on FPSO Explosion Risk Assessment <i>Olav Hansen</i>	What Should Leaders Be Held Accountable for When It Comes to PSM Performance? <i>Brian D. Rains</i>	Competence Requirements for Process Hazard Analysis (PHA) Teams <i>Paul Baybutt</i>	Perspectives on RAGAGEP <i>Lisa Long</i>	Emergency Response Leadership: Out of the Frying Pan and into the Fire <i>Pete Lodal</i>
11:15 AM	Equations for Flammability Parameters, P_{max} and K_G <i>Daniel A. Crowl</i>	A Leader's Tactical Approach to Influence Changes in Process Safety Culture <i>Laura Ankrom</i>	Process Safety Competency - Effective Approaches to Creating and Judging Competency on Process Safety <i>Revonda Tew</i>	Relief Systems Design: Simplifying Assumptions Gone Wrong <i>Nicholas N. Cristea</i>	Safety Culture in the CCPS Risk-based Process Safety Model <i>Walter Frank</i>
11:45 AM	Luncheon with Speaker: Jordan Barab, Deputy Assistant Secretary of Labor for Occupational Safety and Health, OSHA Presentation Title: Executive Order 13650: Improving Chemical Process Safety and Security Location: Grand Ballrooms C/D				

	<i>Case Histories and Lessons Learned – Joint Session</i>
	Location: Grand Ballrooms A/B
	Co-Chairs: Delmar “Trey” Morrison, Samantha Scruggs, and Karen Study
1:30 PM	Panel - Executive Order Panelists Includes: <i>Lisa long</i> , OSHA <i>Kim Jennings</i> , EPA <i>Scott Breor</i> , DHS
2:30 PM	Break
2:45 PM	What Have We Really Learned? (25 Years After Piper Alpha) <i>Mike Broadribb</i>
3:15 PM	Lac Mégantic Accident: What We Learned <i>Jean Paul Lacoursiere</i>
3:45 PM	Case Study of the Domino Effect in a Catastrophic Solid Oxidizer Fire <i>Russell A. Ogle</i>
4:15 PM	Complex Explosion Development in Mines: Case Study – 2010 Upper Big Branch Mine Explosion <i>Scott G. Davis</i>
4:45 PM	GCPS Concluding Remarks