

SATURDAY, APRIL 27

9:00 AM – 4:30 PM	Teaching Safety in University Settings: WHY it is critical, and HOW to implement an effective program
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SUNDAY, APRIL 28

8:00 AM – 5:00 PM	GCPS Short Courses
2:30 PM – 5:00 PM	BakerRisk Test Facility Tour
6:30 PM – 8:00 PM	9th GCPS Opening Reception

MONDAY, APRIL 29

7:00 AM	<p>Complimentary Continental Breakfast (<i>Sponsored by Shell</i>) <i>Location: Conv. Ctr., Street Level, Theatre Lobby Levels 1&2</i></p>
8:00 AM	<p>2013 AIChE Spring Meeting and 9th GCPS Keynote Address <i>Location: Henry B Gonzalez Convention Center, Street Level, Lila Cockrell Theatre</i></p> <p>Welcome and Introductions: June C. Wispelwey, AIChE Executive Director and Phillip Westmoreland, AIChE President</p> <p>Keynote Address: Delivering Innovative Solutions for an Energy Future Presented by Aamir Farid, Regional Vice President Manufacturing-Americas, Shell Downstream, Inc</p>
9:15 AM	<p>Coffee and Networking Break <i>Location: Convention Center, Street Level Ballroom A</i></p>
9:40 AM	<p>9th GCPS Welcoming Plenary Session <i>Location: Henry B Gonzales Convention Center, Street Level, Lila Cockrell Theatre</i></p> <p>9th GCPS Introduction and Welcome: Scott Berger (Executive Director, CCPS) and Victor H. Edwards (GCPS Chair)</p> <p>Symposia Introductions: John C. Wincek (CCPS Chair), Samuel A. Rodgers (LPS Chair), Rainer Hoff (PPSS Chair), and Steven D. Emerson (PSM² Chair), Presentation of the William H. Doyle Award for LPS Best Paper Award and PPSS Best Paper Award</p>

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	47TH ANNUAL LOSS PREVENTION SYMPOSIUM (LPS)	28TH CENTER FOR CHEMICAL PROCESS SAFETY INTERNATIONAL CONFERENCE (CCPS)	15TH PROCESS PLANT SAFETY SYMPOSIUM (PPSS)	PROCESS SAFETY MANAGEMENT MENTORING (PSM²)	INTERNATIONAL PERSPECTIVES ON PROCESS SAFETY
	<i>Session #9: Fires, Explosions and Reactive Chemicals I Location: Street Level 103A Co-Chairs: Katherine E. Pearson, Erdem A. Ural</i>	<i>Session #13: Pilot Plant, Small-Scale Production and Laboratory Safety Location: River Level 001B Co-Chairs: Lizbeth Cisneros, Andrew Goddard</i>	<i>Session #12: Near Misses/Preventing Process Incidents Location: Street Level 103B Co-Chairs: Steven Zhang, Katie Kollhoff</i>	<i>Session #10: Lessons Learned as New Engineers in Process Safety in the First Few Years Location: River Level 001A Co-Chairs: Katherine Prem, Seungho Jung</i>	<i>Session #11: Management Systems for Process Safety Location: Street Level 101A/B Co-Chairs: Dan Miller, Christie Arseneau</i>
10:30 AM	Enhanced NOAA Chemical Reactivity Worksheet for Determining Chemical Compatibility <i>(Dave Gorman)</i>	Applicability of the Hazards and Effects Management Process (HEMP) in Research and Development <i>(Ahmed J. Allawi)</i>	Business and Regulatory Aspects of Effective Near-Miss Management Implementation <i>(Iclal Atay)</i>	Advancing Process Safety in the US Refining and Petrochemical Industries <i>(Jerry Forest)</i>	Enterprise PSM Development Implementation, and Auditing <i>(David A. Moore)</i>
11:00 AM	Effects of the Primary Explosion Site (PES) and Bulk Cloud in VCE Prediction: A Comparison with Historical Accident Data <i>(C. Regis L. Bauwens)</i>	Scale Up of Stirred Batch and Semi-Batch Reactors – Gaps and Limitations of the Current Methodologies <i>(Olga Reyes)</i>	Process Near Misses Identification, Investigation and Challenges <i>(Pawan Mittal & Paminder Sawhney)</i>	Process Safety: From Concept to Commissioning <i>(Jennifer Mize)</i>	Characteristics of Companies with Great Process Safety Performance <i>(Jack McCavit)</i>
11:30 AM	Determining VCE Damage Zones Using the GAME Relations and Explosion Regions <i>(Hans Boot)</i>	Safety, ASAP and ALARP in Fast Track Process Development <i>(Joseph B. Powell)</i>	Near-Misses: Private or Public Concern? <i>(Jay Brabson)</i>	PSM OSHA Citations and Litigation Process: What Are the Risks? <i>(Michael T. Taylor)</i>	Where Process Safety Must Move <i>(Greg Robinson)</i>
12:00 PM	<p align="center">Luncheon with Speaker: V V SuryaRau, President Group Manufacturing Services, Reliance Industries Limited “Taking the Religion of Process Safety to the Land of Ancient Religions” <i>Location: Convention Center, Street Level Ballroom A</i></p>				

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	<i>Session #17: Fires, Explosions and Reactive Chemicals II</i> Location: Street Level 103A Co-Chairs: Katherine E. Pearson, Erdem A. Ural	<i>Session #19: Using Leading Indicators as a Recipe for Success: Industry Practices From Incidents and Near Misses</i> Location: River Level 001B Co-Chairs: John W. Champion, Thane Russey	<i>Session #20: What Operating Managers Need to Know About Process Safety I</i> Location: Street Level 103B Co-Chairs: Karen Study, Philip M. Myers	<i>Session #16: Culture as a Foundation in Fundamental Practices of Process Safety</i> Location: River Level 001A Co-Chairs: Samantha Scruggs, Ryan J. Hart	<i>Session #18: Risk Assessment and Management</i> Location: Street Level 101A/B Co-Chairs: Anjana Meel, Eric Freiburger
1:30 PM	NFPA 68-Replacing K_G in the Gas Equations (Samuel A. Rodgers)	An Update on the Use of Process Safety Leading Indicators (Shakeel Kadri)	Is Your Operation Prepared for Economic Recovery? (John Herber)	Precise Process Safety Information: A Key for Successful Process Safety Management Program (Sandipan Laskar)	Implementing A Common Risk Management Process Across A Global Upstream Company (Mark A. Trail)
2:00 PM	Explosion Hazards Due to Failures of Lithium-Ion Batteries (Vijay Somandepalli)	Role of Leading Indicators in Prevention of Major Accidents: CSB Learnings from BP Texas City and Deepwater Horizon (Kelly Wilson)	How to Create A Safety Culture (Richard N. Knowles)	Manufacturing Excellence Through a Journey to Live Incident-Free (Kief Hess)	Dynamic Risk Analysis and Real-Time Leading Indicators for Safer and More Reliable Operation (Deborah. L. Grubbe)
2:30 PM	Unique Failure Mode for API Seal Plan 76 (G. Ajith Kumar)	Process Safety Leading Indicators – A Perspective from Europe (Piet Knijff)	Process Safety: At the Heart of Operations (Chung Nguyen)	Safety Culture – The Foundation of Sustainability (Robert C. Smith)	A Public Leak Frequency Dataset for Upstream and Downstream Quantitative Risk Assessment (Robin Pitblado)
3:00 PM	Coffee and Networking Break Location: Convention Center, Street Level Ballroom A				

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	<i>Session #38: Analysis of Offsite Impacts of High Consequence Events I</i> Location: Street Level 103A Co-Chairs: Trey Morrison, Robert W. Johnson	<i>Session #41: Using Leading Indicators as a Recipe for Success – Case Studies</i> Location: River Level 001B Co-Chairs: John W. Champion, Thane Russey	<i>Session #42: What Operating Managers Need to Know About Process Safety II</i> Location: Street Level 103B Co-Chairs: Karen Study, Philip M. Myers	<i>Session #40: Roundtable Panel Discussion- Early Career Issues Q&A with Invited Speakers</i> Location: River Level 001A Co-Chairs: Carlos A. Barrera, Steven D. Emerson	<i>Session #39: Japan’s Process Safety At a Glance</i> Location: Street Level 101A/B Co-Chairs: Masaki Nakagawa, Samantha Scruggs
3:30 PM	Vapor Cloud Explosion (VCE) Blast Damage Far Beyond the Company Property Line (Erdem A. Ural)	So, We All Have Been Implementing Process Safety Metrics – What’s Next? (Alvin Mateo)	30, 60, 90 Day Plan for Operations Managers to Assess PSM and Prevent the Next Serious Incident (Brian Wilson)	<ul style="list-style-type: none"> Shakeel Kadri (Air Products) Kathleen Kas (Dow Chemical) Kelly Keim (ExxonMobile Chemical) Pete Lodal (Eastman Chemical Corp.) John Panariello (BakerRisk) Kathy Pearson (BP) Karen Tancredi (DuPont) 	Recent Accidents and Safety Activities in Japan (Kazuhiko Suzuki)
4:00 PM	Modeling of Time-Varying Dispersion for Releases Including Potential Rainout (Henk W.M. Witlox)	Process Safety Leading Indicators: A “Silver Bullet” or “Bean Counting” for Enhanced Risk Management (David E. Cummings)	Empowering Operating Managers with Decision Support System to Prevent Process Safety Incidents (Deepak Phanse)		Process Safety Management Framework in Japan (Atsushi Aoyama)
4:30 PM	Quantitative Risk Criteria for U.S. LNG Facilities (Ryan J. Hart)	Using Metrics to Drive Process Safety Performance at Maersk FPSOs (Jeppe Guld & William Bradshaw)	Barrier Diagram (bow tie) Quality Issues for Operating Managers (Robin Pitblado)		Application of Lagging Indicators in Japan (Keiichi Iwama)
5:00 PM	AICHe & GCPS Dual Format-Poster Session and Cocktail Reception Chairs: Joyce M. Becker, Kendall M. Werts, Steve Arendt, Yuan Lu, and Bala C. Gottimukkala Location: Convention Center, Street Level Ballroom A				

TUESDAY, APRIL 30

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	<i>Session #47: Managing Combustible Dust Hazards I Location: Street Level 103A Co-Chairs: John F. Murphy, Henry L. Febo Jr.</i>	<i>Session #46: Human Factors for LOPA Location: River Level 001B Co-Chairs: Seshu Dharmavaram, Timothy Murphy</i>	<i>Session #49: The Impact of Regulations, Codes and Standards on Process Safety Location: Street Level 103B Co-Chairs: Jack Chosnek, Christy Blanchard</i>	<i>Session #50: Transition from Academia to the Production Plant: Evolution of Safety Location: River Level 001A Co-Chairs: Sanjeev Saraf, Ruifeng Qi</i>	<i>Session #48: Process Safety Culture Assessment and Improvement Location: Street Level 101A/B Co-Chairs: Pablo R. Zunana, Donald J. Connolley</i>
8:00 AM	A Methodology to Evaluate Flameless Venting Devices for Dust Explosions <i>(Jenny Chao)</i>	Process Hazard Analysis, Layers of Protection Analysis, and the Human Factor <i>(Paul Baybutt)</i>	RAGAGEP 101 <i>(James Lay)</i>	Considerations for Effectively Managing Emergency Relief Systems Design <i>(Thomas Watson Jr.)</i>	An Upgraded Definition of Risk Based Process Safety Core Value and Its Impact in Light of Anthropology & Intercultural Communication on Future Evolution of Process Safety Culture & Management <i>(Long Zhang)</i>
8:30 AM	Explosibility of Nano-Sized Metal Powders <i>(Ashok G. Dastidar)</i>	Benchmarking Industry Practices for the Use of Alarms as Safeguards and Layers of Protection <i>(Todd Stauffer)</i>	Summary of Expert Forum on the Use of Performance-Based Regulatory Models in the U.S. Oil and Gas Industry, Offshore and Onshore <i>(M. Sam Mannan)</i>	Balancing Mechanical and Instrumented Protections in Brownfield Projects <i>(Irfan Shaikh)</i>	Process Safety: A Value Not Just a Priority <i>(Parakram Adams)</i>
9:00 AM	On-Going Developments in Addressing Combustible Dust Hazards <i>(Walter L. Frank)</i>	The Impact of Human Factors on LOPA (and Other Risk Assessment Methods) <i>(William Bridges)</i>	A Guide to the Legal Framework of the PSM Standard for Engineers <i>(Christopher Cunio)</i>	Issues in Setting and Using Risk Tolerance Criteria <i>(Paul Baybutt)</i>	Worker Behavior Changing by Dynamic culture <i>(Salvador Avila Filho)</i>
9:30 AM	Coffee and Networking Break <i>Location: Convention Center, Street Level Ballroom A</i>				

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	<i>Session #70: Managing Combustible Dust Hazards II</i> Location: Street Level 103A Co-Chairs: John F. Murphy, Henry L. Febo Jr.	<i>Session #68: Developing an Operational Discipline Program</i> Location: River Level 001B Co-Chairs: Ryan J. Hart, Donald J. Connolley	<i>Session #66: Applying LOPA in Practice: Consideration of Conditional Modifiers, Initiating Events and IPLs I</i> Location: Street Level 103B Co-Chairs: R. Wayne Garland, Douglas J. Ferguson	<i>Session #69: Lessons Learned From Actual Mentoring of Protégés Within the Process Safety Organization</i> Location: River Level 001A Co-Chairs: Trey Morrison, Lina Saenz	<i>Session #67: Auditing Process Safety Management</i> Location: Street Level 101A/B Co-Chairs: Ravi Ramaswamy, Jack McCavit
10:15 AM	Dust Flame Propagation in Industrial Scale Piping-Part 1: Empirical Study in a Conveying Vessel-Pipeline System (Thomas Farrell)	Take the Guess Work out of Testing Your Safety Instrumented System (Charles Fialkowski)	New CCPS Guideline Book: Guidelines for Conditional Modifiers and Enabling Conditions (J. Wayne Chastain)	Beyond the 2 Million Safe Hours (Akula Rao)	Identifying Root Causes in Auditing (David Moore)
10:45 AM	Assessing the Hazard of Marginally Explosible Dusts (Timothy J. Myers)	Tips for the Creation and Application of Effective Operating Procedures (Colin Scholtz)	Implementing LOPA Recommendations Into Design of Instrumented Protective Systems (Rajeev Limaye)	The Importance of a Team-Based Approach to Overpressure Scenario Development (Neil Prophet)	Operational Discipline Assessment During PSM Audits- Experience of RIL (T V Venkateswaran)
11:15 AM	Influence of Liquid and Vapourized Solvents On Explosibility of Pharmaceutical Excipient Dust (Paul R. Amyotte)	Management Discipline: Defining a Process Safety Strategy (Jerry Forest)	Safety Controls, Alarms, and Interlocks as IPLs (Angela E. Summers)	Process Safety As a Career Foundation (Andrew Stein)	Measuring Process Safety Implementation Through Assessment and Audits (Busari Jabar)
11:45 AM	Luncheon with Speaker: Fred Henselwood, Leader Process Safety, NOVA Chemicals “Risk: Science and Perceptions, and Why We Fail” Location: Convention Center, Street Level Ballroom A				

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	<i>Session #72: Overpressure Control Methods and Alternatives I</i> Location: Street Level 103A Co-Chairs: Kathleen A. Kas, Ronald J. Willey	<i>Session #75: Sustaining and Improving an Operational Discipline Program</i> Location: River Level 001B Co-Chairs: Ryan J. Hart, Donald J. Connolley	<i>Session #73: Practical Approaches for Improving PSM Performance I</i> Location: Street Level 103B Co-Chairs: Seshu Dharmavaram , Chad Schaffer	<i>Session #71: Lessons Learned Throughout a Career in Process Safety</i> Location: River Level 001A Co-Chairs: Jim Thompson, Kendall Fosse	<i>Session #74: Spanish Session- Seguridad de Procesos en Latinoamérica</i> Location: Street Level 101A/B Co-Chairs: Alberto E. Vignale, Clara Ines Arbelaez
1:30 PM	A Systematic Approach to Relief System Evaluation <i>(Georges Melhem)</i>	Using Assessments to Improve Process Safety Culture <i>(Russell A. Ogle)</i>	Achieving Process Safety Excellence <i>(Shanahan Mondal)</i>	Process Safety Management: 21 Years Plus or Minus – What I Wish I’d Known Then and What We Can’t Afford to Forget Now <i>(Alan C. Brackey)</i>	Process Safety: Uniandes Vision From the Latin- American Context <i>(Jamie E. Cadena)</i>
2:00 PM	Heat Integration and Relief Systems Design <i>(Jason E. Spearow)</i>	Using New Technology to Ensure Corporate Standards Compliance and Improved Frontline Operational Risk Management <i>(Mike Neil)</i>	Management of Safety Critical Elements as a Base for Risk Management of Major Accident Hazards <i>(Paula Dias Silveira)</i>	Some Lessons Learned When Communicating with Neighboring Communities <i>(Richard N. Knowles)</i>	Seguridad De Procesos En Latinoamérica – Una Propuesta Comparativa De Las Leyes y Normativas De Hoy Con Las Que Necesitamos Mañana <i>(Remigio Agraz Boeneker)</i>
2:30 PM	API Standard 521 New Alternative Method to Evaluate Fire Relief for Pressure Relief Device Sizing and Depressuring System Design <i>(Edward Zamejc)</i>	Conduct of Operations Best Practice Networks <i>(Marco Vela Sr.)</i>	Promoting Commitment to Process Safety <i>(Russell A. Ogle)</i>	Process Safety Management Mentoring: Developing Leaders <i>(Clyde W. Young)</i>	Using Process Flow Diagrams and Material & Energy Balance Sheets to Identify Potential Loss-of-Containment Events by Classification of Gas, Liquid and Two-Phase Discharges <i>(Mar Antonio Medrano)</i>
3:00 PM	Coffee and Networking Break Location: Convention Center, Street Level Ballroom A				

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	<i>Session #95: Overpressure Control Methods and Alternatives II</i> Location: Street Level 103A Co-Chairs: Kathleen A. Kas, Ronald J. Willey	<i>Session #94: Management of Change</i> Location: River Level 001B Co-Chairs: Bernard Groce, Russell Ogle	<i>Session #96: Practical Approaches for Improving PSM Performance II</i> Location: Street Level 103B Co-Chairs: Seshu Dharmavaram, Chad Schaffer	<i>Session #93: Fires & Explosions - Fundamental Understandings for Professionals New to the Field</i> – Joint Session Location: River Level 001A Co-Chairs: Trey Morrison, Joan Schork	<i>Session #97: Spanish Session- Estudio de Casos y Experiencias de Aprendizaje</i> Location: Street Level 101A/B Co-Chairs: Felipe Munoz, Peter Herena
3:30 PM	Practical Examples of Alternate Overpressure Protection Systems: An Owner’s Perspective (John W. Champion)	Best Practice Management of Change & Pssr Process (Michael Bearrow)	Operational Discipline: Panacea for Performance? (Brian D. Rains)	Flammable Vapor Explosion At DuPont Yerkes Facility (Mark Wingard)	Safety Performance Indicators in Process Safety Management (Rafael Moure-Eraso)
4:00 PM	Quality Assurance and Quality Control of Pressure Relief Studies (Subhash Kale)	Organizational Change Management (John C. Wincek)	Process Safety Information Management-It Is More Than You Probably Think (Patrick Nonhof)	Can Fire Suppressants Promote Ignition? – A Study of HFC-125 and HFC-227 (Carmen H. Osorio)	Bahía Blanca, Argentina. Explosión Catastrófica De Polvo En Un Silo (Nestor H. Sposito)
4:30 PM	The Influence of Hydrophilic Properties on Foamy Three Phase Systems (Henrik Leimeister)	Increasing the Agility of Process Safety Management Systems (Brian D. Rains)	Connecting the Dots: Managing the Little Things That Lead to Big Accidents (Dave Jones)	A Focus on Fire Fundamentals Including Emergency Response Training at the National Fire Agency in Taiwan (Ron Willey)	Applying ISD to the LPG Terminal Involved in the San Juanico Disaster Through the Use of QRA (Esterban Bernecheda)

WEDNESDAY, MAY 1

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	<i>Session #99: Characterization and Control of Ignition Sources I</i> Location: Street Level 103A Co-Chairs: Michael D. Moosemiller, Lisa Long	<i>Session #100: Implementing Process Safety in Project Design</i> Location: River Level 001B Co-Chairs: Eric Freiburger, Samantha Scruggs	<i>Session #102: The PSM Challenge for Smaller Companies</i> Location: Street Level 103B Co-Chairs: Colin S. Howat III, Anna Qiao	<i>Session #98: Applying LOPA in Practice: Consideration of Conditional Modifiers, Initiating Events and IPLs II</i> Location: River Level 001A Co-Chairs: R. Wayne Garland, Douglas J. Ferguson	<i>Session #101: Portuguese Session-Análise e Gerenciamento de Riscos de Processo</i> Location: Street Level 101A/B Co-Chairs: Americo Diniz Felipe Carvalho
8:00 AM	Lightning Related Ignition Mechanisms and Associated Protection Techniques for Storage Applications <i>(Mitchell Guthrie)</i>	Technical Risk – It’s Not a One-Size-Fits-All Proposition <i>(Kumar Israni)</i>	PSM Challenge for Unregulated Upstream Facilities <i>(Kristin D. Norton)</i>	Snares to LOPA Action Items <i>(Glenn Rozmus)</i>	Reflexões Filosóficas e Sociais Sobre a Operação de Complexos Químicos Industriais <i>(Francisco Ruiz)</i>
8:30 AM	Guidelines for Evaluating the Likelihood of Ignition of Released Flammable Masses <i>(Robert J. Stack)</i>	Preventing Process Safety Problems of Tomorrow, Today! <i>(Kevin Watson)</i>	Overcoming PSM Challenges for Small Chemical Companies: Observations, Insights and Guidance From the Trenches <i>(Philip M. Myers)</i>	Addressing Enablers in Layers of Protection Analysis <i>(Paul Baybutt)</i>	Um Processo de Sistema de Gestão da Segurança com Base na Disciplina Operacional: um Exemplo de Aplicação <i>(Socrates Fofano)</i>
9:00 AM	Development of a Steel Component Combustion Model for Fires Involving Pure Oxygen Systems <i>(Brenton L. Cox)</i>	Critical P&ID Reviews Using HAZOP/LOPA Methodology – Overkill or Underrated? <i>(John T. Perez)</i>	Small Site MOC: Big Company Challenges Without Big Company Resources <i>(Rainer Hoff)</i>	Visual Aid to Reduce Spurious Trips and Nuisance Alarms <i>(Fareed Ebrahim)</i>	Ferramentas para Controle Gerencial para Mitigar o Risco Dinâmico, e Efeito da Crise <i>(Salvador Ávila Filho)</i>
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	<i>Session #119: Characterization and Control of Ignition Sources II</i> Location: Street Level 103A Co-Chairs: Michael D. Moosemiller, Lisa Long	<i>Session #120: Is the Corporation Learning from Incidents and Near Misses?</i> Location: River Level 001B Co-Chairs: Sara Saxena, John W. Champion	<i>Session #121: Mechanical Integrity – Critical Line of Defense</i> Location: Street Level 103B Co-Chairs: Russ Davis, Andrew Morey	<i>Session #118: Analysis of Offsite Impacts of High Consequence events II</i> Location: River Level 001A Co-Chairs: Trey Morrison, Robert W. Johnson	<i>Session #122: Portuguese Session-Estudos de Caso e Compartilhamento de Experiencias</i> Location: Street Level 101A/B Co-Chairs: Americo Diniz, Francisco Ruiz
10:15 AM	Prevention and Control of Ignition Sources in the Explosives Industry-BOS (Basis of Safety) <i>(Martin Held)</i>	Using near Misses to Improve Risk Management Decisions <i>(Sean J. Dee)</i>	Novel Development of Asset Integrity Management for Refinery Equipment: Theory, Application and Effect of Setting Critical Operational TAN And Sulfur Level for Distillation Units <i>(Dingrong Qu)</i>	QRA Method for Liquefied Natural Gas (LNG) Filling Stations <i>(Albert Wolting)</i>	Segurança de Processo nas Universidades: A Relevância da Classificação da área em plantas-piloto <i>(Carlos André Vaz Jr.)</i>
10:45 AM	Hazards of Performing Hot Work in Gasoline Storage Tanks <i>(Scott G. Davis)</i>	Keeping the Memory Alive, Preventing Memory Loss That Contributes to Process Safety Events <i>(Barry Throness)</i>	Large Eddy Simulation-Based Mixing Tee Analysis and Comparison with In-Service Failure Data <i>(Seetha Ramudu Kummari)</i>	Release Scenario Assumptions for Modeling Risk from Underground Gaseous Pipelines <i>(Elizabeth Lutostansky)</i>	Segurança de Processos em Usinas. <i>(Maria Clara Saraiva)</i>
11:15 AM	Explosion From a Smoldering Silo Fire <i>(Scott E. Dillon)</i>	Blacks Swans, White Swans and Fifty Shades of Grey: Remembering the Lessons Learned from Catastrophic Process Safety Incidents <i>(John F. Murphy)</i>	Improving Reliability & Safety Performance of Solenoid Valves by Stroke Testing <i>(Loren Stewart)</i>	Effect of Flammable Cloud Treatment on Predicted Blast Loads <i>(Kelly J. Thomas)</i>	Petrobras Process Safety Key Performance Indicators – Wells and Drilling Activities <i>(Felipe Carvalho)</i>
11:45 AM	Luncheon with Speaker: Néstor Fernado Saavedra, Vice President Innovation and Technology, Ecopetrol <i>“Ecopetrol’s Strategy and Challenges in Process Safety”</i> Location: Grand Hyatt San Antonio, Texas Ballroom, 4 th Floor				

WEDNESDAY, MAY 1

Session #128: Case Histories and Lessons Learned – Joint Session

Location: Ballroom A

Chairs: Peter N. Lodal, Jeff Fox, Robert Wasileski III

1:30 PM

Lessons Learned from Fire in Air Supply Ducts
(Alvin Waller)

2:00 PM

Hydrogen Sulfide Exposure from Molten Sulfur-A Forgotten Hazard?
(Mark J. Viz)

2:30 PM

Calcium Stearate Deflagrations – A Series of Unfortunate Events
(Albert I. Ness)

3:00 PM

Break

3:15 PM

Effectiveness of Improvised Gas Absorption Techniques for *Emergency* Responders at Releases of Toxic Gases
(Hannes Kern)

3:45 PM

Case Studies in Process Safety: Lessons Learned From Software-Related Accidents
(Terry Hardy)

4:15 PM

CSB Investigation of Chevron Richmond Refinery Fire
(Don Holmstrom)

4:45 PM

GCPS Concluding Remarks