# Program Grid MONDAY, SEPTEMBER 15

7:00 AM	Registration & Badge Pick-Up  Location: Gran Hall					
8:30 AM	Opening Session					
	Welcome and Introduction Presented by: Scott Berger, Executive Director, CCPS and Orlando Acosta, Latin America Regional Manager, CCPS					
	Keynote Presentation: Transforming the Future of Process Safety in YPF Presented by: Daniel Oscar Palomeque, HSE Vice President, YPF					
	Location: Fiestas					
9:30 AM	Coffee Break • Location: Gran Hall					
	TRACK 1 Location: Fiestas	TRACK 2 Location: Colonial	TRACK 3 Location: Dorado			
	Hazard Identification and Risk Management	Process Safety Culture I	Process Safety in the Upstream Industry			
	Co-Chairs: Jatin Shah – BakerRisk Juan Schijman – Pluspetrol	Co-Chairs: Mary Stella Corsaro – Pluspetrol Marcelo Fernandez – Praxair	Co-Chairs: Pablo Zunana – Pan American Energy Ricardo Ceskiavikus – YPF			
10:00 AM	Optimizing Process Hazards Analysis Work through Combined Methodologies Mario Fantazzini, Eduardo Francisco – <i>Dupont</i>	Systematic Approximation to the Root Cause of Process Safety Events Guillermo Herrera – Equión Energía	Identification and Management of Critical Safety Equipment in Drilling Operations and Well Intervention José Báez – Equión Energía			
10:30 AM	Management of Major Accidents José Báez – Equión Energía	Integrating Personal and Process Safety: Creating World-Class Process Safety Culture and Leadership Emilia Gempeler – JMJ Associates	How Reliable Are the Barriers to Prevent Major Risks in Well Drilling? Claudio Castañeda — Equión Energía			
11:00 AM	Multiple Failures Risk Assessment Sandro R. R. O. França — <i>Braskem</i>	Beyond the Signs of Catastrophic Incidents Antonio Abril, Nelson Mejia Sr. – Equión Energía	Determination of Consequence Areas for Simultaneous Operations of Well Drilling and/or Intervention José Báez – Equión Energía			
11:30 AM	Vision 20/20 — Presented by: Scott Berger, Executive Director, CCPS Location: Fiestas					
12:00 PM	Lunch • Location: Florida, Galería, Retiro, San	Martín				
	Process Safety for Senior Management	Tools and Methods I	Process Safety Related Technologies			
	Co-Chairs: Federico Caldora – Pan American Energy Marcela Recaman – Equión Energía	Co-Chairs: Carlos Barrera — Exponent Ricardo Sampietro — DuPont	Co-Chairs: Ignacio Jose Alonso – Equión Energía Tomas Guillen – YPF			
1:30 PM	Evaluate the Major Hazard Scenarios and Monitor How their Controls are Being Managed Americo Diniz Carvalho Neto – <i>Braskem</i>		Quick-Start Guide of Cyber Security for SCADA and Industrial Control and Safety Systems Jonathan de los Santos Sr., Alejandro Esparza – Exida			
2:00 PM	Improving Process Safety Management Systems David Moore – AcuTech Consulting	3D Fire and Gas Detector Coverage Mapping. Application of ISA-TR84.00.07: A Worked Example Jimmy Jarufe – RSF Consultores	Autonomous Remote Gas Detection Using Optical Imaging Technology Jonathan Morris – Providence Photonics, LLC Hazem Abdel-Moati – ExxonMobil			
2:30 PM	Process Safety: Is It Time to Broaden the Angle? Vergenie Aude Luppi – Instituto Tecnológico de Buenos Aires	Management of Planned Safety Observations — SP Indicators Ricardo Ceskiavikus, Luis Landa — YPF	Use of Ultrasonic Technology for an Effective Detection of Gas Leaks Mauricio Romero – Emerson Process Management			
3:00 PM	Coffee Break • Location: Gran Hall					
3:30 PM	Safety Communication: What Works Best — Presented by: TJ Larkin, Larkin Communication Location: Fiestas					

# Program Grid | TUESDAY, SEPTEMBER 16

8:30 AM	The Human Factor — Presented by: Gaston Remy, President, Dow Argentina Location: Fiestas			
9:30 AM	Coffee Break • Location: Gran Hall			
	TRACK 1 Location: Fiestas	TRACK 2 Location: Colonial	TRACK 3 Location: Dorado	
	Risk Management Process I  Co-Chairs: Eduardo Francisco – DuPont Ignacio Jose Alonso – Equión Energía	Reliability and Mechanical Integrity Co-Chairs: Cecilia Albertini – Pan American Energy Martin Zuzek – Pluspetrol	Process Safety Implementation in Design Co-Chairs: Nestor Sposito – CCPS Luis Landa – YPF	
10:00 AM	Utilization of Risk Analysis Techniques and Accident Investigation Tools Under the Lens of Process Safety: A Study with Companies of a Port City Armando A. M. Campos – Pontificia Universidade Católica do Paraná	Changing the Priority of Mechanical Integrity and Quality Assurance in Our Organization Rosa Romero Bayona – Ecopetrol	Strategies for Structural Design of Buildings Subject to Blast Loads Ernesto Gasulla – Baker Engineering and Risk Consultants, Inc.	
10:30 AM	Risk in the Chemical and Process Industries: From Personal Actions to the Risk Matrix Carlos Barrera – Exponent	Operational Permissives and ISA 84 – The Future of Functional Process Safety Luis Garcia – Siemens	Safety Aspects in "Ship to Ship" (Transference of Liquid Natural Gas Ship to Ship) Juan Haitzaguerre – YPF	
11:00 AM	Process Safety and Transfer to Insurance Diego Formica – Pan American Energy	Management of Maintenance of Safety Valves at UG Acambuco Rodolfo Orlando Ardaya, Fernando Squartini – Pan American Energy	Flat Torch Project Lía Constanza Di Bartolo — Dow Argentina	
11:30 AM	Risk Identification in Unit Stoppage Jobs Juan Manuel Fernandez Becerra, Daniel Javier Flores – Complejo Industrial Plaza Huincul YPF	Mechanical, Structural, and Acoustic Finite Element Analysis Miguel Paez – Pan American Energy	Process Safety Plan in Project Development Ignacio Jose Alonso – Equión Energía	
12:00 PM	Lunch • Location: Florida, Galería, Retiro, San Martín			
	Indicators and Metrics of Process Safety  Co-Chairs: Nestor Graff – Pan American Energy Andrés Hugo Pelegrina Canosa – Compañía Mega	Consequence Analysis I – Explosions Co-Chairs: Mariano Figlioli – YPF Trey Morrison – Exponent	Tools and Methods II Co-Chairs: Carlos Barrera — Exponent Ricardo Sampietro — Dupont	
1:30 PM	Implementing Process Safety Indicators in the Industrial Complex of Camaçari, Bahia, Brazil Lucy de Jesus – Braskem	Modeling Dispersion and Vapor Cloud Explosion Related to Overfill Tank Events: The Buncefield Tank 912 Case Jimmy Jarufe – RSF Consultores	Managing Management of Change Jack Chosnek – KnowledgeOne	
2:00 PM	Management Indicators to Support Cultural Change in Process Safety. Prospective Analysis of API Standard 754 Gerardo Daniel Abalde – Axion Energy	Application of a Semi-Quantitative Risk Analysis Methodology for Risk Analysis of Dust Explosions Franz Zdravistch – Gexcon AS	Living Process Safety from Instrumentation and Control Projects John Rueda – Equión Energía	
2:30 PM		Analysis of Explosion Consequences Using CFD Tools Stella M.Tonelli – Planta Piloto de Ingenieria Quimica, UNS, CONICET	Integrating an HSE Management Model – Process Safety Fernando Correa – Mansarovar Energy	
3:00 PM	Coffee Break • Location: Gran Hall			

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## Program Grid | TUESDAY, SEPTEMBER 16

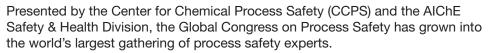
	Management of Change Co-Chairs: Carlos Barrera — Exponent Alejandro Garcia — YPF	Operational Discipline Co-Chairs: Americo Diniz Carvalho Neto – Braskem Marcos González – Praxair	Process Safety Education  Co-Chairs: Ricardo Sampietro — DuPont Trey Morrison — Exponent
3:30 PM		Operational Safety Controls in Asset Management Jeferson Chedid – AVEVA	Breaking the Myths about Where and When to Teach Process Safety: A Call to Action Nestor Sposito – <i>CCPS</i>
4:00 PM	Risk Management of Safety and Environment During Changes Rafael Boschi Sr. – YPF	Transforming Culture with Operational Discipline: Challenges and Key Factors for Success Jorge Noy – Ecopetrol	Experience of the Universidad de los Andes, Teaching Production Safety Felipe Muñoz – Universidad de los Andes
4:30 PM	Management of Modification and Reutilization of Facilities Usage Sergio Fernandez Sr. – Pan American Energy	Continuous Improvement and Root Cause Analysis in Process Safety Augusto Constantino Sr. – Sologic	The Development of Competency as a Critical Factor for Process Technology Implementation Rafael Camerano Sr. – Ecopetrol
5:00 PM	Reception & Poster Session Location: Gran Hall		



## Call for Abstracts Open for the 11TH GLOBAL CONGRESS ON PROCESS SAFETY

April 26 - 29, 2015 • Hilton Austin • Austin, TX, USA





The program will include the following tracks:

- Regional Perspectives on Process Safety from Around the Globe\*
- 17th Process Plant Safety Symposium (PPSS)
- 30th Center for Chemical Process Safety (CCPS) International Conference
- 49<sup>th</sup> Annual Loss Prevention Symposium (LPS)
- 4<sup>th</sup> Process Safety Management Mentoring (PSM²) Forum
- Process Safety Spotlights
- Design Institute for Emergency Relief Systems (DIERS) Symposium

For instructions on how to submit an abstract, visit www.aiche.org/GCPS.



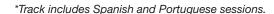
### For questions on the GCPS, please contact:

### **Rainer Hoff**

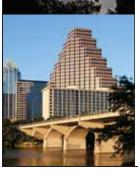
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## Jing Chen

2015 GCPS Conference Manager jingc@aiche.org



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# Program Grid WEDNESDAY, SEPTEMBER 17

	TRACK 1	TRACK 2	
	Location: Fiestas	Location: Colonial	
	Risk Management Process II Chair: Jatin Shah – BakerRisk	Fires, Explosions, and Reactive Chemicals Chair: Eduardo Francisco — <i>DuPont</i>	
8:00 AM	Implementation of Braskem's Corporate Risk Management Procedure to a Polymer Industrial Unit in the South of Brazil Heitor Rossetti – <i>Braskem</i>	Rail Transportation Risk Assessment Comparison: Ethanol Versus LNG Trey Morrison – Exponent	
8:30 AM	Supervision and Accounting of Process Safety Systems – Osinergmin Haroldo Castañeda Sr. – <i>Osinergmin</i>	Venting to a "Safe Location" Manuel Herce, Eduardo Francisco — DuPont	
9:00 AM	Risk Assessment of the Ammonia Leak in Cooling Section of the New Ammonia Plant for the Plan for Emergency Response Control for Commissioning and Start-up of the New Plant Ammonia of the Morón Petrochemical Complex Using the Simulation Tool PHAST 6.7  Juan Duarte Sr. – Petroquimica de Venezuela S.A.	Estimation and Analysis of Consequences Associated with Jet Fire of Methanol Due to Leakage in the Valve HV-05-071 Associated with the Marine Loading Arm 05-Mla-0504, Located on the Platform of Liquid of the Petrochemical Complex Jaa Using PHAST 6.7 Ruben Garcilazo Sr. – Fertinitro	
9:30 AM	Coffee Break • Location: Gran Hall		
	Process Safety Culture II  Co-Chairs: Marcelo Fernández – Praxair Mary Stella Corsaro – Pluspetrol	Consequence Analysis II - Toxics Co-Chairs: Trey Morrison – Exponent Mariano Figlioli – YPF	
10:00 AM	The Relationship Between Religiosity and Process Safety Culture Farheen Khan — Exponent, Inc.	Consequences Analysis Associated with Chlorine Leak (1-ton cylinder) for Damage or Deterioration of its Connectors in the Chlorine Storage Area of Pequiven, Located at the Petrochemical Complex Jose Antonio Anzoátegui, Using Simulation Package PHAST 6.7 Juan Duarte Sr. – Petroquimica de Venezuela	
10:30 AM	I'm Also Going to Work in Process Safety Today Roger Muñoz, Stefano Pagani – Equión Energía	Risk Assessment Associated with the Failure of the Safety Instrumented Function of the Reactor of Methanation (I-6 / I-351) on the Ammonia Plant (Station II) from Nitrogenous Fertilizer, Fertinitro CEC, Located in Venezuela, Using the Simulation Package PHAST RISK 6.7 Juan Duarte Sr. – Petroquimica de Venezuela	
11:00 AM	Work Permit: The Last Barrier Jose Sanmiguel Sr. – OPMS Consulting	Consequences Evaluation Study of the Ammonia Storage Plant with Level of Impact in Terms of Fatalities and Input Information to Vulnerability Study Using the Simulation Tool PHAST 6.7 Alvaro Pastrana Sr. – Monomeros Colombo Venezolanos	
11:30 AM	Human Factors and Human Performance: Lessons Learned from the FIFA World Cup Presented by: Scott Berger, Executive Director, CCPS Location: Fiestas		
12:00 PM	Lunch • Location: Florida, Galería, Retiro, San Martín		
	Case Histories and Lessons Learned		
	Co-Chairs: Gustavo Correa – YPF  Nestor Sposito – CCPS		
	Location: Fiestas		
1:30 PM	Water Tanks Also Explode Maria Elena Calvachi, Carina Sandoval — Ecopetrol		
2:00 PM	Addressing the Problem of Repeated Plant Accidents in Process Pumps Alfredo Verna – Arthur D. Little		
2:30 PM	Understanding and Managing the Often-Ignored Fire and Explosion Hazards of Industrial Air Systems Juan Ramirez, Trey Morrison — Exponent		
3:00 PM	Coffee Break • Location: Gran Hall		
3:30 PM	Loss of Natural Gas Containment at a Sweetener Plant Pablo Zunana – Pan American Energy		
4:00 PM	Incidents Occurred in the LNG Industry  Juan Haitzaguerre — YPF		
4:30 PM	Petroleum Plant Fire Pump Failure Sergei Sidorenko – Pan American Energy		
5:00 PM	Closing Remarks — Presented by: Gustavo Correa, YPF		

## Poster Session

- Application of the Bayesian Theory on Risk Analysis in the Biodiesel Production Process, for Estimating the Probabilities of Occurrence of Accidental Events
  - Rafael Amaya Gómez *Universidad de los Andes*
- PHA Facilitation and Teamwork Dynamics: Or Why Not All HAZOPs are Created Equal Carlos Barrera – Exponent
- Becoming a World-Class HSE Organization
   Jack Chosnek KnowledgeOne
- How to Minimize Process Safety Risk on Specialty Chemicals Contract Manufacturing Purchase for Resale Operations
   Eduardo Francisco, Manoela Morais, Heloisa Batista
- DuPont
   Incorporating Safety During Process Design

Krishnarao Guntu – Kuwait Oil Company

 Resilience Methodology for the Petroleum Supply Chain – an Approach Using the Radio Frequency (RFID) Technology
 Sergio Hoeflich – Universidade de São Paulo

- An Integral Model for Basic Analysis of Liquid Hydrocarbon Dispersion on Soil, Estimation of Emergency Response Times and Geologic Risk Assessment to Locate Sectioning and Check Valves on Onshore Pipelines Projects Marco-Antonio Medrano – S2R
- Internal Corrosivity Studies in Oil Pipelines of the Golfo San Jorge Field
   Luis Gonzalo Muñoz Sr. – Pan American Energy
- Probabilistic Calculation of Threshold Distances of Impact on People and Structures Produced by Risk Scenarios in Transport of Combustible Materials through Ducts. Pit Explosion and Fire Scenarios
  - Felipe Muñoz Universidad de los Andes
- Leak Management with a FLIR Camera
   Sebastian Pascual Romero Pan American Energy
- SIS Implementation in Dow Argentina Mario Luis Vidili – Dow Argentina

