

Tuesday, October 18, 2022

E: English  
P: Portuguese  
S: Spanish

Tuesday, October 18, 2022						
07:00 - 17:00	Registration (all day) - Foyer					
08:00 – 10:30	Pre-Conference Course - Fundamentals of Accidental Fires and Explosions - Exponent; Location: Auditorium					
10:30 – 11:00	Coffee Break – Foyer - Sponsored by Vale (30 min)					
11:00 - 12:00	Welcome Address - Louisa A. Nara - CCPS; Location: Auditorium (15 min) Opening Session – Claudemir Peres – Vale; Location: Auditorium (45 min)					
12:00 - 13:00	Mid-Day Break (1 Hour)					
13:00 - 14:00	Leadership Forum (By Invitation Only) - Moderated by Louisa Nara: Auxiliary Room (20 people Max)					
13:00 - 15:00		<b>PSM Implementation and Gap Assessment I</b> Chair: Leandro Luis Blas (YPF)		<b>Lessons Learned on Process Safety</b> Chair: Eduardo Francisco de Maio (Vale)		<b>Leadership in Process Safety</b> Chair: Margareth Fernandez (Transpetro)
13:00-13:30	(S)	<b>Implementación Sistema RBPS en Instalación Alto Riesgo sin Sistema Formal de Gestión</b>	(E)	<b>When Emergency Response Goes Fatally Wrong: Lessons Learned from Investigating Two Major Incidents</b>	(E)	<b>How Do We Prevent Losing Sight in Risk Assessments</b>
		J. Corredor Garcia, N. Sposito Sr., J. Murphy, and J. Diaz		S. G. Davis		B. A. Fuller, C. Armstrong, and T. Groman
		Process Safety Services, Brinsa, PPR Consultora		Gexcon		AcuTech
13:30-14:00	(S)	<b>Process Safety Management in Colombia: A State-of-the-Art Review</b>	(E)	<b>What Incidents Teach Us about Process Safety Knowledge Management</b>	(E)	<b>Process Safety Onboarding for Leaders</b>
		A. Pacheco		M. Munsil		L. Carmona
		Cargill		PSRG		Chevron Global Technology Services
14:00-14:30	(S)	<b>Capturando Las Emisiones Fugitivas: Implementación Del Plan</b>	(P)	<b>Seprocra: Uma Solução Bem-Sucedida Para Apoio à Análise Histórica e Investigação De Acidentes</b>	(P)	<b>Development of Process Safety Knowledge for Senior Operations Leadership</b>
		O. Del Aguila Chumbe and I. M. Causso Astete Sr.		A. Aguiar, C. Batista, D. Haddad, I. Pinheiro, R. Moreira Sr., M. Pessanha, L. Pereira Sr., M. Carvalho, E. Santos, I. DA Silva, and J. Pessoa		G. Peron, D. Revez, and F. Hosenen
		Pluspetrol Peru Corporation		Petrobras		Cargill
14:30-15:00	(S)	<b>"Gap Analysis" Como Herramienta Clave Para La Implementación y Mejora De Un Sistema De Gestión De Seguridad De Procesos</b>	(P)	<b>Organizational Factors and Major Accidents</b>	(P)	<b>Gerenciamento De Segurança De Processos Na Dorf Ketal Brasil</b>
		J. Camargo and A. C. Morales		L. C. Fonte Nova de Assumpção and J. A. Machado		S. Moretti and A. Machado
		Ecopetrol		Acelen		Dorf Ketal
15:00 – 15:30	Coffee Break – Foyer - Sponsored by RSE (30 min)					
15:30 - 17:30		<b>Asset Integrity</b> Chair: Scott Davis (Gexcon)		<b>PSM Implementation and Gap Assessment II</b> Chair: Daniela Revez (Cargill)		<b>Case Studies Across the industries I</b> Chair: Alexandre Glitz (CCPS Consultant)
15:30-16:00	(S)	<b>Gestión De Integridad De Ductos: Detección, Control y Mitigación De Amenazas</b>	(P)	<b>Use of Process Safety Tools in the Evaluation of Road Transportation Incidents</b>	(P)	<b>Mixed Application of CREAM &amp; FTA to Evaluate the Non-Technological Barriers Against the Formation of Explosive Atmospheres in FPSO Cargo Tanks</b>
		B. Bajda and G. Barragan		J. C. Gregoris		H. L. Oliveira, M. T. Lopes, S. J. de Farias Oliveira, F. A. D. R. Agura, G. Miscow, I. Majerowicz, M. G. Ferrares, M. O. Mognato, P. P. Rodrigues, C. V. R. D. O. E. Correa, and C. R. G. D. Carvalho
		YPF		DOW		Petrobras
16:00-16:30	(S)	<b>Understanding the Importance of Mechanical Integrity Program</b>	(P)	<b>Releitura DA Abordagem De PSM Aplicada PARA Ativos Do Sistema Eléctrico</b>	(P)	<b>Why Tanks and Pressure Vessels Protection Fails or Are Underestimated and Still Are the Cause of Events on 2022?</b>
		R. Ruiz Vásquez		E. Castro and C. Vasconcelos		M. Bittencourt
		PSRG		Vale		Acelen
16:30-17:00	(P)	<b>Asset Integrity Management in Mature Process Plants</b>	(S)	<b>Holistic Semiquantitative Approach for Process Safety Management Applied to Oil &amp; Gas Wells</b>	(P)	<b>Comparison of Risk Based Methodologies for Structural Response Analysis in Case of Fire in Offshore Process Facilities</b>
		A. Vazzoler Sr.		S. Rivas Johnson Sr.		N. Paruolo, R. Pereira, E. Braga, P. Teixeira, and M. Perez
		Senai Cetiqt		Pan American Energy		DNV
17:00-17:30	(E)	<b>Asset Integrity for Aging Plants - Ensuring Safety Operations over Time</b>	(P)	<b>Estudo De Gap Analysis – Regulamentação Brasileira X Rbbs-CCPS</b>	(S)	<b>Desarrollo e Implementación De Sistema De Prevención De Sobrellenado De Cisternas De Camiones En Terminales De Combustible</b>
		R. Weber and R. Ruiz Vásquez		A. S. Neto, P. Valezin, and R. Pinto		M. A. Bertrand Covas Sr.
		PSRG		ERM-Brasil		YPF

**Wednesday, October 19, 2022**

<b>07:00 - 17:00</b>	Registration (all day) - Foyer					
<b>8:00 - 8:45</b>	Keynote Speaker - Gilfranque Da Silva Leite - <i>Braskem</i> ; Location: Auditorium					
<b>8:45 - 10:00</b>	Panel Discussion – Emerging Technologies and Process Safety Challenges; Moderated by Louisa Nara ; Location: Auditorium Panelists: Vivian Passos de Souza (Petrobras), Geovane Consul (BP Bunge Bioenergia), and David Moore (Acutech)					
<b>10:00 - 10:30</b>	Coffee Break – Foyer - Sponsored by Braskem (30 min)					
<b>10:30 - 12:00</b>	Alarm Management and Safety Barriers Chair: Lucas Almeida (Ternium)		Sustainability and Climate Change Chair: Luana Marques (Transpetro)		Food and Biotechnology Industry I Chair: Americo D. Carvalho Neto (RSE Consultoria)	
<b>10:30 – 11:00</b>	(P)	Dynamic Process Safety Barriers Management at Petrobras	(S)	Importancia Del Análisis De Riesgo Físicos Por Cambio Climático En La Industria De Procesos (Aplicación de Caso)	(P)	Aspectos Regulatórios De Análise De Riscos Com Pós No Brasil
		A. Dantas, F. Rossi, and L. H. Figueira Petrobras		O. Rios, E. Flores, and J. L. Monroy ERM-Mexico		A. Ribeiro, I. Santos, and V. Neto ARRISK Consulting
<b>11:00 – 11:30</b>	(S)	Improvement in Process Safety Performance from the Monitoring and Evaluation of an Alarm Management System	(P)	Impactos Das Alterações Climáticas Na Segurança De Processos (Impacts of Climate Change on Process Safety)	(P)	A Jornada De Implementação De PSM Em Uma Empresa Do Setor Sucreenergético
		R. Romero Bayona and R. Camerano Ecopetrol		C. Pacheco de Souza Oxiteno		G. Carrazzoni Sr. and G. Requi BPBunge Bionergia
<b>11:30 – 12:00</b>	(S)	Desarrollo De Tableros De Gestión De Alarmas Ad Hoc Basados En Plataformas BI (Business Intelligence)	(P)	Organizational Control for Safety, a Challenge in Socioeconomic and Natural Environment	(P)	Prontidão Operacional: Boas Práticas De Startup De Plantas De Processo Para Evitar Acidentes De Segurança De Processos
		G. Markowski Sr. and H. Tradatti Sr. YPF		S. Ávila Filho Federal University of Bahia		C. Santana Cargill
<b>12:00 - 13:00</b>	Half Day Break (1 hour)					

13:00 - 15:00		Management of Change Chair: Matias Massello (PII)		Cybersecurity Chair: Trey Morrison (Exponent)		Process Safety and H2 technology Chair: Jérôme Taveau (Jensen Hughes)
13:00-13:30	(S)	Administración De Cambios Multidisciplinario	(E)	Conducting Hybrid Security Risk Assessments to Address Physical Cybersecurity Exposures	(E)	Improving our understanding of Hydrogen through testing and advanced modeling to avoid possible pitfalls and ensure its safe use
		A. Hernandez Garcia		H. M. Leith and E. Quinn		S. G. Davis
		Indorama Ventures IOD		AcuTech		Gexcon
13:30-14:00	(S)	Implementación De PSSR Para MOCs Durante Parada De Planta En Refinería Campana, PAE	(P)	Towards the Application of a New Methodology to Identify Cyber and Physical Risks in Industry 4.0	(E)	Hydrogen venting, lessons learnt for safe design and operation
		P. I. Barrios and M. Mariño		M. F. Santos, W. Melo Jr Sr., and E. Magalhães Sr.		A. Ferreira, D. Miller, and S. Dharmavaram
		Pan American Energy		National Institute of Metrology, Quality, and Technology		Air Productos
						Case Studies in Auditing Chair: Jérôme Taveau (Jensen Hughes)
14:00-14:30	(S)	Gestionando El Riesgo Durante La Gestión De Cambios	(P)	Cybersecurity Architecture for Remote Safety Management	(P)	Auditorias Internas De Segurança De Processo: Fatores Críticos De Sucesso
		J. Chosnek		F. Bongiorno Arasanz, B. Cordeiro, and F. B. Bemelmans		C. Barretto, A. R. Lanfredi Sr., and A. Scavarda
		KnowledgeOne LLC		Schneider Electric Process Automation		Petrobras
14:30-15:00	(P)	MOC Realizado Em Barreiras De Segurança Requer Uma Gestão e Disciplina Diferenciados	(S)	¿Como Cumplir Con El Requisito De Seguridad Cibernetica Durante El PHA? Una Propuesta Simple	(P)	Process Safety Dossiers for Barrier Audit
		A. Carvalho Neto Sr.		R. Rodriguez		B. Alves, B. D. Barbabela, M. Lima, F. Sá, and L. Helena
		RSE		CSF		SBM Offshore
15:00 – 15:30	Coffee Break – Sponsored by Acelen (30 min)					
15:30– 17:00		Case Studies Across the industries II Chair: Jack Chosnek (KnowledgeOne)		Mining Industry I Chair: Fabio Leandro Rossi (Petrobras)		Process Safety Culture I Chair: Laurence Pereira (Petrobras)
15:30 – 16:00	(S)	Vulnerabilidad Y Mapa De Calor De Las Instalaciones	(P)	Implementação De Um Sistema De Gestão De Barragens e Rejeitos e Suas Contribuições Para Segurança Do Processo	(E)	Learn or Languish: Creating a Culture That Learns Faster Than It Fails
		M. V. Fernandez Terenzi and F. Pawolocki		F. Costa, R. Bittar, and L. Duarte		B. Hughes
		YPF		Vale		Sologic
16:00 – 16:30	(S)	Estamos Aprendiendo de Nuestros Incidentes? Un Analisis Basado en Incidentes Comunes en la Industria del Petroleo	(P)	Identificação De Perigos e Análise De Riscos Na Indústria Da Mineração	(P)	Fortalecimento DA Cultura De Segurança Através Do Compartilhamento De Lições Aprendidas De Incidentes De Processo
		J. C. Rodriguez		A. Carvalho Neto Sr. and A. Silva		F. Silva Sr.
		Hocol		RSE		C2 PSM Consultoria
16:30 – 17:00	(S)	Caso De Estudio Evolución Del Conocimiento, Competencias y Su Impacto En Los Indicadores Tier 3 y Tier 4 Según API RP 754	(P)	Recentes Desenvolvimentos Técnicos Na Redução Riscos Com Combustíveis Através Do Uso De Aditivos Especiais Na Indústria De Mineração	(P)	Programa Operador Sepro - Reforçando a Cultura De Segurança De Processo Nas Equipes Operacionais
		F. Gimenez and M. E. Aguirre		A. Apostolo and A. Machado		E. Ramos Junior Sr.
		YPF		Dorf Ketel		Braskem

Thursday, October 20, 2022

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Thursday, October 20, 2022			
7:00 - 10:00	Registration		
8:00 - 8:45	Keynote Speaker - Flaubert Matos Machado - Petrobras; Location: Auditorium		
8:45 - 9:30	Coffee Break – Foyer - Sponsored by Petrobras (40 min)		
09:30 – 11:30	Barrier Management and Protective Systems I Chair: Nestor Sposito (PPR Consultora)	Mining Industry II Chair: Sandro Franca (Acelen)	Food and Biotechnology Industry II Chair: Paula Ines Barrios (Pan American)
09:30 – 10:00	(S) Qué Tan Preventivas Son Las Barreras De Mitigación?	(E) Emerging Technologies As a Venue to Decrease Incidents Related to Methane Explosions in Colombian Coal Mines	(E) An Unexpected Explosion While Fumigating a Grain Silo – It Wasn't the Dust
	R. Cuestas	L. Vallejo Molina, A. Molina Ochoa, D. Soto, S. Lopez, J. M. Molina, L. H. Copete, and A. F. Ortiz Prada	D. Morrison, D. Revez, T. Lardinois, and G. Peron
	Ecopetrol	Universidad Nacional de Colombia	Exponent Inc
10:00 – 10:30	(S) De La Estantería a Big Data: Gestión De Barreras De Estudios HAZOP	(P) Management of Change for the Mining and Ore Processing Industry Vale's Experience	(E) Key Considerations and Applications of Common Calorimetric Laboratory Process Safety Tools to Evaluate Reactive Hazards
	E. Rossini and K. Schanton	E. Francisco, J. Mello, and C. Peres	E. Raines
	YPF	Vale	Fauske & Associates LLC
10:30 – 11:00	(S) Operar El SIS, Un Largo y Tortuoso Camino	(P) Mining Process Safety: Elimination of Catastrophic Risks in Belt Conveyors	(E) Analysing Organizational Gaps in Process Accidents with Fram: The Case of the Imperial Sugar Refinery Explosion (2008)
	R. Rodríguez	C. Romanha Sr., L. Irias Sr., and T. Magalhães Sr.	J. Franca, M. I. Vaz, B. Rodrigues Coutinho, and L. Pina
	CSF	Hatch	KTH Royal Institute of Technology
11:00 – 11:30	(S) Gestión Dinámica De Riesgos y Rondas Operacionales De Auto Gestión	(P) Use of the Bowtie Tool to Develop Regulatory Standards Focusing on Process Safety and Integrity of an Ideal Pumping Systems	(P) Development and Application of Process Safety Competency Framework in Agroindustry – Case Study
	J. L. Lacayo Mendoza and H. A. Gamboa Gomez	T. Portela, M. Muniz, and R. Gonçalves	D. Revez and G. Peron
	Ecopetrol	Vale	Cargill
11:30 - 12:30	Mid Day Break		
12:30 – 14:30	Process Safety Culture II Chair: Julian Camargo (Ecopetrol)	Barrier Management and Protective Systems II Chair: Marco Lima (Braskem)	Case Studies Across industries III Chair: Roberto Ruiz (PSRG)
12:30 – 13:00	(S) Mitos y Realidades sobre el Involucramiento de los Grupos de Interes	(P) Safety Integrity Level (SIL) Applied to the Belt Conveyor Design	(P) Brakem's Facility Siting Studies and Methodology
	N. Sposito Sr.	H. Guedes Sr.	T. Novo
	PPR Consulting	Vale	Braskem
13:00 – 13:30	(S) La Cultura en Seguridad de Procesos en Estaciones de Servicio	(P) Monitoring and Reporting Operational Risks Associated with Dam Safety Based on the Bow Tie Methodology	(P) Estudo DA Aplicação DA Metodologia Qualitativa HAZOP Nosistema De Injeção De Vapor EM Uma Instalação De Oléo Egás
	S. Frites and M. Alcoba	D. Alves, C. F. Oliveira, S. Marsal, R. Souza, and L. P. Carvalho Fonseca	A. Diniz, R. Resplande, L. Magalhães, W. Dias, A. Vilela, and L. Assumpção
	YPF	Petrobras	RSE
13:30 – 14:00	(S) Desarrollo De Curvas De Severidad En Actividades Del Oil&gas Y Analisis Del Punto De Inflexion De La Cultura De Seguridad En Latam	(E) Dynamic Process Safety Management	(P) PRV Evaluation Due to Manufacturer Recall and Its Impact in an Oil&gas Industry
	C. Puma	F. Bongiorno Arasanz and F. M. de Lima	N. Marques and K. Saito
	UNNA Energia	Schneider Electric Process Automation	Petrobras
14:00 – 14:30	(S) Marco De Integración De Jóvenes Profesionales En Gestión De Seguridad De Procesos, Basado En Los Principios De Lean	(P) Barrier Management Monitoring System	(P) Classificação de Eventos de Segurança de Processo (PSE – Process Safety Event) através do cálculo de taxa de descarga usando fluidodinâmica computacional (CFD – Computational Fluid Dynamics)
	E. Mendoza Vega	M. Sousa, M. A. Lima, and A. Dos Santos Teixeira	K. A. Schenkel
	Corporación SE	Braskem	Braskem
14:30 – 15:00	Coffee Break – Foyer - Sponsored by Acutech (30 min)		
15:00 - 15:45	Closing Session: Best Presentation Awards; Review of the content; Survey Speakers: 1. Raul Jungmann, CEO of IBRAM (15 min) 2. Eduardo De Maio Francisco, Chair of the 9th Latin American Conference on Process Safety (15 min) 3. Louisa Nara, Technical Global Director of the CCPS (15 min)		
15:45 – 16:00	Break		
16:00 - 18:00	Regional Technical Steering Committee Meeting (Invitation Only - Hybrid)		