



**Electronic Poster Presentations  
2016 AIChE Spring Meeting & 12<sup>th</sup> GCPS**

April 10 – 14, 2016

Houston, TX

George R. Brown Convention Center, Exhibit Hall E

<b>Electronic Poster Kiosk 1</b>			<b>Monday, April 11, 2016</b>	<b>5:00 PM – 7:00 PM</b>
5:15 PM	64b	Using Data Analytics to Improve Process Safety		Timothy J. Myers, Exponent, Inc.
5:22 PM	64d	Safety Culture and Leadership- Independent of Language		Kumar Israni, Environmental Resources Management
5:29 PM	64d	Case Study of Relief Analysis of Compressor Stations		Kumud Chaurasia, Llyod's Register Energy
5:36 PM	64i	An Approach to Reducing Risk during Online Isolation, Removal and Maintenance of Relief Devices Using Engineering Assessment		Aubry Shackelford, Inglenook Engineering
5:43 PM	64k	Common "Design Flaws" Identified during Pressure Relief System Analysis		Rafael Rocha, Siemens Energy
5:50 PM	64l	Considering Overfilling to be a Non-Applicable Overpressure Scenario		Natalie Doe, Smith & Burgess
5:57 PM	64q	Donde, Cuando y Que Enseñar y la nueva certification de seguridad de procesos del CCPS		Nestor H. Sposito, DOW Argentina
6:04 PM	63a	The Principle of Intrinsic Reality: Solving the World's Woes through Chemical Engineering and Economics		Jed Moyano Bellen, Hyundai Engineering & Construction Co. Ltd.
6:11 PM	63ah	Hydrogen Disposal Flare System Hazard Identification and Mitigation Analysis		Alan Sutton, USAF
6:18 PM	63as	Development of Novel Emulsified Acid Using Waste Oil		Abdullah S. Sultan, King Fahd University of Petroleum & Minerals
6:25 PM	64e	Indulging in Invincibility (III)- Twelve Steps to Sobriety		Brian Kolodji, Independent Consultant
6:32 PM	63bh	Development R&D of Manoir Industries and Emphasis on Coating		Hugues Chasselín, Manoir Industries
6:39 PM	64y	Organizational MOC - Case Study at a Large Energy Company		Raimund Laqua, Gateway Consulting Group, Inc.



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<b>Electronic Poster Kiosk 2</b>		<b>Monday, April 11, 2016</b>		<b>5:00 PM – 7:00 PM</b>
5:15 PM	65j	Dynamics Operational Risk Management in Organizational Design, the Challenge for Sustainability	Salvador Ávila Filho, UFBA	
5:22 PM	65ag	Availability Assessment of Water and Energy, a Proposition of Management to Chemical Industry	Salvador Ávila Filho, UFBA	
5:29 PM	64v	An Ounce of Observation, a Pound of Prevention - a Barrier-Based Approach to Identify Leading Indicators	Marisa Pierce and Amar Ahluwalia, DNV GL	
5:36 PM	63z	Grand Challenges in Future Energy and Chemicals: Climate Change and Sustainability As Drivers for New Technology and Innovation	Joseph B. Powell, Shell Projects & Technology	
5:43 PM	64x	Assessing the Risk from Helicopter Operation at Offshore North WEST JAVA FIELD	Vijay Raghunathan, DNV GL	
5:50 PM	64ab	Passive Fire Protection (PFP) Optimization for Oil and Gas Facilities	Umid Azimov, Genesis	
5:57 PM	64ac	Particle Size Reduction on the 20L Sphere, a Computational Approach	Jorge Pinilla, Universidad de los Andes	
6:04 PM	64ad	Leveraging Data from a Quantitative Risk Assessment to Determine Blast and Fire Risk to Safety Critical Equipment in the Chemical and Refining Industries	Phillip R. Hodge, Baker Engineering & Risk Consultants	
6:11 PM	64ae	Utilizing Accelerating Rate Calorimetry for Insulation Fire Hazard Identification and Management	Steve Horsch, The Dow Chemical Company	
6:18 PM	64af	Compliance with Proposed Regulatory Requirements on Damage Mechanisms	Michael Tia, Kazarians & Associates, Inc.	
6:25 PM	64ah	A Dynamic Duo of MOC Metrics - Using Quality and Age Scores to Drive Continuous Improvement of Management of Change Process	Jean M. Cronin, Cabot Corporation	
6:32 PM	63aw	Modeling the Electrolyte Flow Behaviors of a Zinc/Bromine Flow Battery Module	Boram Koo, Ajou University	
6:39 PM	63bf	Blowdown Dynamic Modeling and Analysis of Pressure and Temperature	Kyungwoon Kim, Inha University	
6:46 PM	64c	Integrating Ics Cybersecurity with Process Safety Management	John Cusimano and Katy Voigt, aeSolutions	