

Electronic Poster Kiosk 1			Monday, March 27, 2017	5:00 PM – 7:00 PM
5:00 PM	53ai	Chemical Engineering's Role in the Upcoming Energy Transition	Joseph B. Powell, Shell Projects & Technology	
5:07 PM	53an	Economics of Hydrogen Purification in an Ethylene Plant	Ian Glasgow, International Alliance Group	
5:14 PM	56e	Large Scale Surrogate Modelling for Enhancement of Consequence Modelling of Industrial Fires	Yoke Yuan Loy, National University of Singapore	
5:21 PM	56s	Job Roles and Behavioral Based Safety	Darwin Logerot, ProSys, Inc.	
5:28 PM	53aj	Hybrid Elastomer Nanocomposites for Oilfield Applications	Rostyslav Dolog, Baker Hughes	
5:35 PM	56h	Enhanced Process Safety Management System	Ahmad Aladasani, Kuwait Petroleum Int'l Qutaiba Okasha, Kuwait Oil Co.	
5:42 PM	56u	An Understanding of Hazards Analysis Using LOPA for Plants Handling and Processing Combustible Dust Products	Konanur Manjunath, The Dow Chemical Company	
5:49 PM	53al	PSM Guidance Using a Risk Based Process Safety Approach	Swarup Bade, Lloyd's Register Energy Americas, Inc.	
5:56 PM	56b	Is the Cost of Implementing the IEC 61511 Safety Lifecycle Justifiable?	Michael Scott & Taylor Schuler, aeSolutions	
6:03 PM	56t	Risk Based Process Safety: Adopting a Differentiated Approach for Managing Risks and Reducing Process Incidents	Srinivasan Ramabhadran Sr., DuPont Company Singapore Pte Ltd	
6:10 PM	53ar	Latest Technology of Double Disc Gate Valves for Main Transfer Line and Decoke Line in the Ethylene Service	Ruediger Klein, ZMK Technologies GmbH	
6:17 PM	56a	Use of FEMA to Prioritize PS Incident Reduction Measures	Florine Vincik, BASF	

Electronic Poster Kiosk 2			Monday, March 27, 2017	5:00 PM – 7:00 PM
5:00 PM	56n	Retrograde and Phase Change (RPC) Flow Considerations for Relief and Flare Systems	Georges Melhem, ioMosaic	
5:07 PM	53af	Cracker Energy Efficiency Improvements - Sitewide Holistic Approach	Mahesh Kumar Srinivas, SABIC	
5:14 PM	56o	Probabilistic Risk Assessment Tool Applied in Facility Layout Optimization	Cassio Brunoro Ahumada, Texas A&M University	
5:21 PM	56i	Analysing Effect of Various Parameters on Maximum Surge Pressure in a Pipeline and Deciding Governing Parameter Using Statistical Approach	Prajakta Joshi, AKER SOLUTIONS Gaurav Bhende, PROTON Engineering	
5:28 PM	53ag	Facility Layout Optimization of LNG-FSRU System	Chenxi Ji, Texas A&M University	
5:35 PM	56m	Finding and Presenting Latent Causes of Small Incidents and Near Misses	John Michael Munsil, PSRG Inc.	
5:42 PM	53ak	Compressor Fouling Monitoring Methods Identify Fouling Mechanism Changes to Direct Mitigation Performance Improvement	Hua Mo, Baker Hughes	
5:49 PM	56r	Protective Construction Options for Multi-Purpose Buildings with Explosion Hazards	Mark Whitney, ABS Consulting	
5:56 PM	56p	Over Conservatism in Relief Analysis	Shailesh Saraykar, Ingenero Inc.	
6:03 PM	53am	The Evolution of Light Ends Fractionation Fouling Control: From Mechanism to Mitigation, Three Decades of Dramatic Improvement	David Smith, Nalco Company	
6:10 PM	56j	Black Swans and Meteors - "Worst Case Scenarios" and Why We Need to Ignore Them	Maria Vega-Westhoff, Bluefield Process Safety, LLC	
6:17 PM	53aq	Thermodynamic Parameter Regression Using Open Source Optimizers	Jonathan D. Mendenhall, The Dow Chemical Company	
6:24 PM	53as	Studying Radiative Heat Transfer Using Computational Fluid Dynamics Under Oxy-Combustion Environments of Coal and Biomass Blends	Niveditha Krishnamoorthy, Siemens PLM Software	