

6TH CCPS CHINA CONFERENCE ON PROCESS SAFETY



Note: Simultaneous Translation will be available for all presentations

Wednesday, September 26, 2018	
Keynote Addresses	
Location: Main Venue-Grand Ball Room	
08:00AM	Welcome & Opening Ceremony
08:30AM	Keynote Address One: Global Challenges in Contractor Management <i>Presenter: Louisa Nara</i>
9:00 AM	Keynote Address Two: Promoting Process Safety Management, Improving Safety Infrastructure <i>Presenter: Nianming Lu</i>
09:30AM	Keynote Address Three: Lesson from Bhopal Gas Tragedy <i>Presenter: J.P. Gupta</i>
10:00 AM	Tea Break
10:20AM	Keynote Address Four: TBA <i>Presenter: Dongfeng Zhao</i>
10:50AM	Keynote Address Five: Lead your Process Safety Culture, Lead Beyond the Hierarchies <i>Presenter: Martín Enrique Fernández</i>
11:20 AM	Keynote Address Six: Connecting Inherent Safety and Information Technology, Improving Safety Performance for Hazard Material Management <i>Presenter: Wanfu Sun</i>
11:50 AM	Lunch

Wednesday, September 26, 2018 (Continued)	
Keynote Addresses Location: Main Venue-Grand Ball Room	
01:30PM	Keynote Address Seven: Operational Risk Management <i>Presenter: Nicholas Bahr</i>
02:00PM	Keynote Address Eight: Studying and Constructing Pilot Demonstration Urban Refinery <i>Presenter: Ruxin Li</i>
02:30PM	Keynote Address Nine: Managing Refinery Hazards through the Implementation of the Hazards and Effects Management Process (HEMP) <i>Presenter: Najah Mohd Jamal</i>
03:00PM	Keynote Address Ten: Group-Consultation-Mode Risk Assessment for Chemical Enterprise <i>Presenter: Jiangbo Jiu</i>
03:30PM	Tea Break
03:50PM	Keynote Address Eleven: Key Advancements in Process Safety in the USA: California's 2017 Refinery Safety Regulations <i>Presenter: Mike Wilson</i>
04:20PM	Keynote Address Twelve: The Importance and Development of Chemical Emergency and Response in East Asia <i>Presenter: Jaojia Horng</i>
04:50PM	Keynote Address Thirteen: Fire Accidents in the Process Industry <i>Presenter: Joaquim Casa</i>
05:20PM	Keynote Address Fourteen: Reactive Safety Assessment for Fine Chemistry <i>Presenter: Chunsheng Cheng</i>
07:00PM	Welcome Dinner

Thursday, September 27, 2018

Location	Main Venue-Grand Ball Room I	Main Venue-Grand Ball Room II	Boston Room	Georgia Room
	Session I Implementation of Chemical PSM Elements Both in China and Other Countries	Session II LOPA & SIS	Session III Mechanical Integrity	Session IV Good Practices
8:30 AM	<i>China PSM Life Cycle Management-from Management System to Technical Competency and Excellence</i> Xiaomnig Zeng	<i>Improving the Efficiency and Effectiveness of Your safety Instrumented System by Improving the Influence of Human Factors?</i> Berend Knegtering	<i>Safety Management During Maintenance Process in Petrochemical Enterprises</i> Xiaofeng Fu	<i>Study on Lightning Protection Technology of External Floating Roof Oil Storage Tank</i> Jinlong Wang
8:55 AM	<i>How to Make PSM Work</i> Wenhui Han	<i>Optimization of Safety Instrument System Setting for Major Hazard installation in Hazardous Chemical Production and Operation Enterprises</i> Shuzhen Jin	<i>Research on Safety Integrity Management Technology of Chemical Process Based on CAS Theory</i> Hongquan Zhang	<i>Risk Management and Hidden Danger Procedure for Hazard Material Enterprises</i> Chao Zhou
9:20 AM	<i>Comparative Analysis and Reflection of Both Process Safety Management and HSE Management System</i> Lunjiang Yan	<i>Predicting Realistic Data for Safety Instrumented Function Design per IEC 61511:2016</i> Desmond Lee	<i>MI Management for Oil & Gas Wellhead Equipment</i> Xueqi Wang	<i>Fusion Research of PSM in Dual Prevention Mechanism</i> Ning Li
9:45 AM	<i>Construction of 1355 Emergency Management System</i> Lei Wang	<i>Validate LOPA Assumptions with Data from Your Own Process</i> A.M. (Tony) Downes	<i>Experience Analysis of the Replacement Process of Heptafluorinepropane for Control Centre</i> Yongqi Tang	<i>Management and Application of Key Links of Process Safety Management Based on Blockchain Technology</i> Jianzhong Sun

Thursday, September 27, 2018 (Continued)

10:05 AM	Tea Break			
Location:	Main Venue-Grand Ball Room I	Main Venue-Grand Ball Room II	Boston Room	Georgia Room
	Session V Implementation of Chemical PSM Elements Both in China and Other Countries	Session VI LOPA & SIS	Session VII Mechanical Integrity	Session VIII Process safety technology
10:30AM	<i>Enhance PSM Performance for Hazardous Facilities Via in-Depth Process Hazard Analysis and Learning from Near Miss Incidents</i> Sunny Cao	<i>Understanding Chemical Safety Instruments: Best Practices</i> Ken Kurko	<i>Construction of Mechanical Integrity Management System in Gas-Processing Plant</i> Xuan Zhang	<i>Dynamic Simulation Analysis of Accident Evolution of Chemical Plant Based on Quantitative Risk Analysis</i> Chun Yang
10:55AM	<i>Development of PSM and its Enlightenment to Chemical Industry</i> Xiangxi Li	<i>Quantitative Evaluation for SIF Loop with Multiple voting structure based on Markov model</i> Peng Li	<i>Mechanical Integrity Management</i> Liang Zang	<i>Risk Assessment for Hot Work in Confined Space Based on Dynamic JHA</i> Wei Wang
11:20AM	<i>Key Elements of California's New 2017 Process Safety Management (PSM) Regulations for Oil Refineries.</i> Mike Wilson	<i>Misunderstandings in the LOPA Analysis Process</i> Chaowei Ni	<i>High-Pressure Separator Channeling Pressure Problem and Safety Integrity Assessment</i> Xun Li	<i>Application Practice of Chemical Process Safety Information Management Platform SRM</i> Jing Wang
12:00PM	Lunch			

Thursday, September 27, 2018 (Continued)				
Location	Main Venue-Grand Ball Room I	Main Venue-Grand Ball Room II	Boston Room	Georgia Room
	Session IX Accident Analysis & Investigation	Session X Risk analysis & Management	Session XI Good Practices	Session XII Environmental Protection & Energy Conservation
2:00 PM	<i>Accident Investigation Using Tripod Analysis Method : Urea Quadrant Arm Loader Collapse at PT Pupuk Kaltim</i> Vidya Putra Adhytama	<i>Managing Major Accident Hazards through Operationalization of Safety Critical Elements (SCE) Management</i> Sulo Belawan	<i>HAZOP Analysis is Integrated with Professional Design Review to Play Symbiotic Effect and Ensure Safe Design</i> Yuanjun Li	<i>Monte Carlo Simulation of the Adsorption of Benzene, Toluene and Xylene in Activated Carbon</i> Rui Diao
2:25 PM	<i>An Analysis By Systems-Theoretic Accident Model and Processes on Shell Moerdijk Accident</i> Pei-Shan Chen	<i>Proven Practices for Minimizing Risks from Gas Hazards</i> John R. Puskar	<i>Practices and Thinking on Emergency Management System Construction of CNPC</i> Lunjiang Yan	TBA
2:50 PM	<i>Why Incident Maturity Index ?</i> Ivan Su	<i>Identification, Assessment and Control of Hazards in Petroleum and Petrochemical Pilot Laboratories</i> Jianbo Ma	<i>Problems and Optimization of Process Safety Management Practice in Large Scale Chemical Enterprises</i> Wenju Duan	TBA
3:15 PM	Tea Break			

Thursday, September 27, 2018 (Continued)

Location	Main Venue-Grand Ball Room I	Main Venue-Grand Ball Room II	Boston Room	Georgia Room
	Session XIII Process safety technology	Session XIV Good Practices	Session XV Risk analysis & Management	Session XVI Experiment & theory research
3:35 PM	<i>On Applicability of Chemical Reaction Risk Assessment Using Criticality Classes</i> Guibin Zhao	<i>Relief System Sizing for Runaway Chemical Reactions: A Simple Comprehensive Approach</i> Ken Kurko	<i>Application of Human Reliability Analysis in Petrochemical Production</i> Yongwei Wang	<i>Effects and Mechanism Research of Evolution Process for the LNG Leakage and Diffusion</i> Guorui Zhu
4:00 PM	<i>F&G Mapping Tracing</i> Yu Pan	<i>The influence of Automatic Control on safety Management of Refinery Enterprises</i> Rupan Zhao	<i>Dynamic Risk analysis and Forecast for the Hazardous Chemicals Storage Devices Lifecycle</i> Siyu Sui	<i>Design, Application and Results of a Large-Scale Experimental Pipeline for Studying CO₂ Release and Dispersion Characteristics</i> Jianliang Yu
4:25 PM	<i>Do Not Allow That Single Spark to Start a Huge Blaze</i> Lucas Ng	<i>Safe Systems of Work for Ammonia Converter Repair with Partially Unloaded Catalyst (INERT ENTRY)</i> Pupuk Kaltim	<i>Research on the Risk Assessment Method of Industrial Enterprises Based on Safety Supervision Information Platform</i> Yong Chen	<i>Study on Thermal Hazard of Oil Soluble Initiator AIBME</i> Shanghai Liu
4:50 PM	<i>Realization of Limited Space Gas Sampling in Storage Tank is Representative - An Application of Gas Sampler</i> Jianzhong Sun	<i>DuPont Spare Management Solution</i> Jun Huang	<i>Research on pressure relief Process of Carbon Four-Container Safety Valve Based on Dynamic Simulation</i> Jiana Shi	<i>Location of Contaminant Emission Source in Atmosphere Based on Bionics Algorithm</i> Wei Tan
5:00 PM	Poster Session			