9:00 AM – 9:15 AM	CCPS Welcome – Shakeel Kadri, CCPS
9:15 AM – 9:45 AM	Keynote 1 – Digitizing your Assets to Create Value, Jagannath Rao, Head of Siemens Data Driven Services
9:45 AM – 10:10 AM	Keynote 2 – United Airlines – Application of Analytics Applied to Improve Safety Performance, John DeGiovanni and Brent McKinney, United Airlines
10:10 AM – 10:30 AM	Panel Discussion – Staying Step Ahead: Process Safety Goes Predictive with the Big Data Analytics – Hans Schwarz, BASF and Pol Hoorelbeke, Total
10:30 AM – 11:00 AM	Coffee Break
Session Title: Big Data Methodology 1 Session Chair: Thomas Froese	
11:00 AM – 11:20 AM	Using Smart and Big Data when Developing Framework for Predicting Process Safety, Felix Weise, DNV
11:20 AM – 11:40 AM	A Catalyst Lifetime Prediction Tool for Water-Gas-Shift Reactors, Evrim Oers, Air Liquide
11:40 AM – 12:00 PM	Improving Safety of Water and Drinking Water Treatment Plants by Application of Artificial Intelligence, Joerg Gebhardt, Aquatune GmbH
12:00 PM – 12:20 PM	Proactive Event Management Through Text Mining & Automatic Classification, Jean Andre, Air Liquide
12:20 PM – 12:30 PM	Q&As on Session 1
12:30 PM – 1:30 PM	Lunch
Session Title: Big Data and Process Safety – Leading Indicators Session Chair: Abdul Aldeeb	
1:30 PM – 1:50 PM	Prospective and Challenges in Managing Process Big Data for Pressure Relief and Disposal Systems Performance Indicators, Abdul Aldeeb, Siemens
1:50 PM – 2:10 PM	Using Risk Process Execution Data and Predictive Analytics to Drive OE-HES Performance, Joe Stough, HIS and Buzz Morris, Retired Global Head of OE-HES Chevron Upstream
2:10 PM – 2:30 PM	Preventing Catastrophic Incidents: Linking Analysis of High Reliability Organizations with Leading Process Safety Indicators, Mike Snyder, DEKRA Insight and Tim Boyer, DEKRA
2:30 PM – 2:50 PM	Collecting Safety Performance Indicator Data: But How and What to Conclude?, Hans Pasman, TEES Mary Kay O'Connor Process Safety Center
2:50 PM – 3:10 PM	