

Conference Time Zone: *Central European Summer Time*

October 13, 2020	
2:00 – 2:10 PM	<b>WELCOME ADDRESS:</b> <i>Shakeel Kadri, Executive Director &amp; CEO, CCPS</i>
2:10 – 3:00 PM Keynotes Session Chair: <a href="#">Shakeel Kadri</a>	<b>KEYNOTE 1:</b> <i>Dr. Katherine Lemos, CSB Chair &amp; CEO</i> <b>Topic:</b> “ <i>Smart Safety Data</i> ”
	<b>KEYNOTE 2:</b> <i>Lloyd F. Colegrove, The Dow Chemical Company, Retired</i> <b>Topic:</b> “ <i>Digital Transformation in the Chemical Industry, the Devil’s in the Details</i> ”
3:00 – 3:20 PM Facilitator: <a href="#">Hans Schwarz</a>	<b>Networking Break &amp; Keynote Q&amp;A</b>
3:20 – 4:10 PM Panel Session Chair & Moderator: <a href="#">Abdul Aldeeb &amp; Tony Downes</a>	<b>PANEL 1: Customer Success Factors in Getting Started on Big Data &amp; Analytics Journey</b>  <b>Panelists:</b> <i>Joep Coenen, Versatec Energy, Sr. Consultant</i> <i>Dr. Payam Jamshidi, Siemens Energy, Global Lead for Mechanical Integrity</i> <i>Joe Stough, SIFZero Advisory Services, Founder</i> <i>Eugen Vlaicu, Honeywell Connected Industry, Application Engineering Manager</i>
4:10 – 4:25 PM	<b>Break</b>
4:30 – 5:20 PM	<b>SESSION 1: Big Data Analytic</b>
Session Chair: <a href="#">Arthur Groot</a>	Rethinking Process Safety & Risk Management in Operation- The Emergence of ORM Digital Twins <i>Simon Jones, Sphera</i>
	Open Source Data Mining and Machine Learning for the Process Alarms of SCADA System <i>Gyula Dörgő, University of California, Davis</i>
	Predictive Maintenance Using Artificial Intelligence - Fire & Gas Detectors Maintenance Planning Based on Statistical Analysis and Weather Forecast <i>Stig Pettersen, Lundin Energy</i>
5:20 – 5:40 PM Facilitator: <a href="#">Willi Meier &amp; Horst Massong</a>	<b>Sponsored Networking Events</b> <ul style="list-style-type: none"><li>• Improving Process Safety Performance Evaluation with a Cloud-Based Solution - <i>AcuTech Sponsored Networking</i></li><li>• Industry Think Tank - <i>GoArc Sponsored Networking</i></li></ul>
5:40 – 6:30 PM	<b>SESSION 2: Risk Assessment &amp; Management</b>
Session Chair: <a href="#">Daniel Mottaghi</a>	<i>Acutech Sponsored presentation (5 minutes)</i>
	“HAZOP+” Operational Optimisation & HAZOP as a Synergy <i>Hans Schwarz, ProSafeEx</i> <i>Thomas Froese, Atlantec Systems</i>
	HSE Management in the Age of Artificial Intelligence – Predictive Modeling of Process Safety <i>Johan van Middelaar, TNO</i> <i>Sadegh Shahmohammadi, TNO</i>
	A Knowledge Driven Online FMEA System for Risk Management in Petroleum Refinery <i>Nicolas Ranchet, TOTAL</i>

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2:10 – 3:00 PM Keynotes Session Chair: <b>Hans Schwarz</b>	KEYNOTE 3: <b>Peter Dew</b> , <i>Chief Digital Officer DSM</i> <b>Topic : How Digitalization will Work for DSM to Get Safer Processes</b>
	KEYNOTE 4: <b>Frederic Gimenez</b> , <i>Chief Digital Officer and VP Digital Factory Project, Total</i> <b>Topic : Digitalization at Total</b>
3:00 – 3:20 PM Facilitator: <b>Joe Stough</b>	<b>Networking Break &amp; Keynote Q&amp;A</b>
3:20 – 4:10 PM Panel Session Chair & Moderator: <b>Richard Pawulski</b>	<b>PANEL 2: Challenges to the Process Industry Operators for leveraging Big Data for Process Safety</b>  <b>Panelists:</b> <b>Olivier Peeters</b> , <i>Total, Vice President, Technology and Projects</i> <b>Greg Nesmith</b> , <i>Dow, Senior Process Safety Manager</i> <b>Kiran Krishna</b> , <i>Shell Global Solutions, Systems Engineering Digital Lead</i>
4:10 – 4:25 PM	<b>Break</b>
4:30 – 5:20 PM	<b>SESSION 3: Predictive Maintenance</b>
Session Chair: <b>Mike Snyder</b>	Preventive Maintenance by making use of Machine Learning and Currently Available Instrumentation <b>Bart Groenenboom</b> , <i>DSM Food Specialties</i>
	Assessing Mechanical Asset Integrity by Means of Permanently Mounted Sensors <b>Buque Cesar</b> , <i>TÜV SÜD</i>
	Process Safety: Understanding how AI can Drive Value from Big Data <b>Jim Chappell</b> , <i>Aveva</i>
5:20 – 5:40 PM Facilitator: <b>Tony Downes &amp; Horst Massong</b>	<b>POSTER SESSION</b>
5:40 – 6:30 PM	<b>SESSION 4: Robotic &amp; Emerging Technologies</b>
Session Chair & Conference Closing Remarks: <b>Tijs Koerts</b>	Ground Robots can Lead to a Step Change in Safety <b>Duco Drenth</b> , <i>Dietsmann</i>
	Technician of the Future: How to take your work management processes to the next level <b>Heena Purohit</b> , <i>IBM</i> <b>Kyle Harding</b> , <i>IBM</i>
	Delek U.S. Vision for Refinery of the Future <b>Louis LaBella</b> , <i>Delek</i> <b>Jim Petrusich</b> , <i>GoArc</i>