




Sunday 25 September 2022

Hazards Australasia 2022




14:00–16:15	Registration at MCEC Plenary 3 foyer Speakers preparation next to registration desk. Presenting Authors to upload presentation via USB	
16:15–16:30	Chemeca 2022 and Hazards Australasia Opening Ceremony Welcome to Country Chemeca 2022 Chair: Sankar Bhattacharya Hazards Australasia 2022 Chair: Trish Kerin	Conference Partner  Conference Partner 
16:30–17:30	Chemeca and Hazards joint plenary Location: Plenary 3	 <i>Enabling a safe energy transition: the role of process safety and leveraging lessons (joint plenary with the Chemeca conference)</i> Rachelle Doyle Chair: Sankar Bhattacharya
17:45–21:00	Refreshment break with exhibition viewing	

Monday 26 September 2022

08:30–09:00	<i>Major Hazards update</i> Location: Room 220	Trish Kerin, Director IChemE Safety Centre
09:00–09:45	Plenary 2 Location: Room 220	 <i>A reflection on process safety evolution</i> Margaret Donnan Former chair, IChemE Safety Centre Chair: Marlene Kanga
10:00–10:30	Refreshment break and exhibition in Plenary 3 foyer	
	Case Histories Chair: Simon Casey Location: Room 220	Assurance Chair: Paul Taranto Location: Room 215
10:30–11:00	<i>Hydrogen Lessons Learned – New Industry, Old Problems</i> Derek Cross, Principal Process Safety Engineer, GexCon	<i>The Contribution of Process Surveillance to Process Safety</i> Gordon Keen, Fellow, IChemE
11:00–11:30	<i>Remembering the Philadelphia Gulf Refinery Fire 50 Years on</i> Ewan Stewart, Senior Process Engineer, Wood plc	<i>Assurance - Hazard and Risk</i> Farah Syamim, Petronas
11:30–12:00	<i>How close is close enough?</i> Matt Willard, Principal, Infrastructure Advisory, Aurecon Group	<i>Consequence Modeling of Chlorine Gas</i> Nathan McCluskey, Chemical Systems Manager, Ixom
12:00–13:00	Lunch	
13:00–14:00	Panel Discussion Location: Room 220	<i>Hydrogen Safety Panel</i> Moderator: Trish Kerin, Director, IChemE Safety Centre Panel Members: Dr Michael Hamblin, General Manager Process Safety And Investigations, Woodside, Fiona Mitchell-Corbett, Vice President Hydrogen Safety, Gexcon, Danae Campbell, Principal Process Safety Analyst, WorkSafe Victoria
14:00–14:45	Plenary 3 Location: Room 220	 <i>Unilever's global capability and digital SHE journey</i> Liz Hallifax, Global Head of Operational Risk Governance, Unilever Chair: Marlene Kanga
14:45–15:15	Plenary 4 Location: Room 220	 <i>Process safety - the ultimate team sport</i> Trish Kerin, Director, IChemE Safety Centre Chair: Marlene Kanga
15:15–15:45	Refreshment break and exhibition in Plenary 3 foyer	
	Human Factors/Knowledge and Competence Chair: Margaret Donnan Location: Room 220	Engineering & Design Chair: Steve Fogarty Location: Room 215
16:00–16:30	<i>A human-centred approach to system automation</i> Andrew Sutherland, Director and Human Factors Consultant, HF Integration	<i>Utilising cost-benefit analysis (CBA) to assess fire protection options required to minimise incident escalation</i> Astrid Ichsan, Risk Engineer, R4Risk
16:30–17:00	<i>The Process Safety Game</i> Howard Thomas, Principal, TAM Consultants	<i>Perfecting Proof Test Effectiveness, How more Extensive Testing can Improve Safety and Reduce Cost!</i> Iwan van Beurden, CTO, Director of Product Development, Exida
17:00–17:30	<i>Is process safety relevant to underground mining?</i> Peter Wilkinson, General Manager, Risk Noetic Solutions Pty	<i>Smart Data Collection to Optimize Proof Testing</i> Sam Holden, Operations Manager, Exida Australia & New Zealand
17:30–18:00	<i>Industry and academia can work together to build Process Safety Competency</i> Luc Vechot, Associate Professor, Texas A&M University Qatar	<i>What can we learn about SCE Management from Functional Safety</i> Ross Benton, Senior Consultant and Director, Safety Solutions
19:00–23:00	Conference Dinner Location: Crown Aviary	

This is a draft programme and is subject to change.

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07:15–08:00	The University Alumni and Friends Networking Breakfast, MCEC	
08:15–08:30	Hazards Australasia Welcome Day 3	
08:30–09:30	Plenary 5 Location: Room 220	 <p><i>Integrating Process Safety Management into ways of working</i> Dr Michael Hamblin, GM Process Safety & Investigations, HSE, Woodside Chair: Trish Kerin</p>
09:30–10:00	Refreshment break and exhibition in Plenary 3 foyer	
10:00–11:00	Live performance Location: Room 220	<p><i>Nimrod: process safety in an uncertain time, wartime</i> ACT Australia and NZ plays and workshops bring safety training alive. This multi-platform workshop looks at the crash of the Nimrod XV230 in Afghanistan and the lessons that we can all learn. Chair: Trish Kerin, Director, IChemE Safety Centre view a taster video here</p> <p>sponsored by </p>
	Engineering & Design Chair: Kim Pullon Location: Room 220	Best Practice Chair: Liz Hallifax Location: Room 215
11:00–11:30	<p><i>ALARP Demonstration of thermal plume impairment to helideck offshore</i> Soraya Malik, Process Safety Engineer, Petronas</p>	<p><i>Remote Risk Management Facilitation.... Can we trust the results?</i> Daryl Wheatley, Director and Kanchana Bishop, Senior Risk Consultant, MWS Risk</p>
11:30–12:00	<p><i>Improving Process Safety in Port Operations</i> Paul Feltoe, Managing Director, Safety Solutions</p>	<p><i>Virtual Process Hazard Analysis Revalidation - good practices and learnings</i> Laurence Ledrut, Senior Process Safety SME, Origin Energy</p>
12:00–12:30	<p><i>Introduction to grid-scale battery energy storage system concepts and fire hazards</i> Veronica Goldsmith, Principal Fire Safety Engineer, ARUP</p>	<p><i>Resuming Business in COVID Normal Environment</i> Dr Michael Akindeju, Principal Consulting Process Engineer, MKPro Group</p>
12:30–13:30	Lunch and exhibition in Plenary 3 foyer	
	Engineering & Design Chair: Kim Pullon Location: Room 220	Best Practice Chair: Liz Hallifax Location: Room 215
13:30–14:00	<p><i>Process Safety Recycled - The New Energy Hazards Coming Our Way</i> Steve Cooper, Director Advisian APAC Energy Chemicals & Resources, Advisian</p>	<p><i>Hydrogen research updates – fire and explosion</i> Fiona Mitchell-Corbett, Team Lead, Hydrogen Safety, GexCon</p>
14:00–14:30	<p><i>Integration of Automation Lifecycles: Leveraging Functional Safety, Cybersecurity, and Alarm Management Work Processes</i> Iwan van Beurden, CTO, Director of Product Development, Exida</p>	<p><i>Pandemic Survival Guide 101</i> Steve Fogarty, Principal Risk & Safety Engineer, AMOG Consulting</p>
14:30–15:30	Plenary 7 Location: Room 220	 <p><i>The impact of the COVID-19 pandemic from the perspective of the risk posed to the networks and risk management learnings from the electricity and gas networks during lock down</i> Sonia Fourie, Group HSE Manager, Jemena Chair: Trish Kerin</p>
15:30–16:00	Refreshment break and exhibition in Plenary 3 foyer	
17:10–17:30	Closing ceremony in Plenary 3	
17:30–19:30	Poster Presentation Networking Event and Exhibition at MCEC Plenary 3 Foyer	

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