


14:00–16:15	Registration	
16:30–17:30	 <p><b>Plenary</b> Rachelle Doyle Chair, Standards Australia ME-093 Hydrogen Technologies Committee</p>	<i>Enabling a safe energy transition: the role of process safety and leveraging lessons Joint plenary with Chemeca conference</i>
17:45–21:00	Refreshment break with poster and exhibition viewing	

## Monday 26 September 2022

08:30–09:00	Welcome Ceremony	
09:00–09:45	 <p><b>Plenary</b> Margaret Donnan Former chair, IChemE Safety Centre</p>	<i>A reflection on process safety evolution</i>
09:45–10:15	Refreshment break	
	<b>Case Histories</b>	<b>Assurance</b>
10:15–10:45	<i>Learning from the Sandvika Hydrogen Fuelling Station Explosion</i> Derek Cross, Principal Process Safety Engineer, GexCon	<i>The Contribution of Process Surveillance to Process Safety</i> Gordon Keen, Fellow, IChemE
10:45–11:15	<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
11:15–11:45	<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
11:45–13:00	Lunch	
13:00–14:00	 <p><b>Plenary 2</b> Dr David Harrison Head, Laboratory Operations and Facilities Support - Burnet Institute</p>	<i>The safety challenges around higher risk, low likelihood but high consequence activities relating to handling infectious agents, focusing upon HIV and COVID-19. How the Burnet Institute continue essential COVID-19 related research activities during a hard lock down.</i>
14:00–14:45	 <p><b>Plenary 3</b> Liz Hallifax Global Head of Operational Risk Governance, Unilever</p>	<i>Unilever's global capability and digital SHE journey</i>
14:45–15:15	 <p><b>Plenary 4</b> Trish Kerin Director, IChemE Safety Centre</p>	<i>Process safety - the ultimate team sport</i>
15:15–16:00	Refreshment break	
	<b>Human Factors/Knowledge and Competence</b>	<b>Engineering &amp; Design</b>
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
18:00–18:30	Refreshment break	
18:30–21:00	Conference Dinner	

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09:00–10:00	 <p><b>Plenary 5</b> Dr Michael Hamblin GM Process Safety &amp; Investigations, HSE, Woodside</p>	<i>Integrating Process Safety Management into ways of working</i>
10:00–10:30	Refreshment break	
	<b>Engineering &amp; Design</b>	<b>COVID</b>
10:30–11:00	<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 &amp; Safety Engineer, AMOG Consulting</p>
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 and Kanchana Bishop</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> Nate Lobel and Veronica Goldsmith, Principal Fire Safety Engineer, Performance Based Consulting (PBC)</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	
13:30–14:30	 <p><b>Plenary 6</b> David Bird Senior Vice President Production, Santos</p>	<i>How Santos coped from a process safety management perspective with the COVID-19 pandemic</i>
14:30–15:30	 <p><b>Plenary 7</b> Peter Harcus General Manager Assets and Operations, Gas Distribution, Jemena</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>
15:30–16:00	Refreshment break	
	<b>New Technologies</b>	<b>Sponsored presentation</b>
16:00–16:30	<p><i>Process Safety Recycled - The New Energy Hazards Coming Our Way</i> Steve Cooper, Director Advisian APAC Energy Chemicals &amp; Resources, Advisian</p>	<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. Sponsored by the IChemE Safety Centre, <a href="#">view a taster video here</a> ▶</p> 
16:30–17:00	<p><i>Hydrogen research updates – fire and explosion</i> Fiona Mitchell-Corbett, Team Lead, Hydrogen Safety, GexCon</p>	
17:45–18:00	Closing ceremony	
18:00–18:30	Refreshment break	
18:30–21:00	<b>Poster Presentations</b>	

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Conference partners



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