

DIGITALIZE AGENDA

8.30	<p>Opening & Introduction MC: Natarsha Belling</p>					
8.40	<p>Welcome: Australia needs to embrace the future now <i>The critical role of digitalization for our industry, infrastructure and energy sectors</i></p> <p>Jeff Connolly, Chairman & Chief Executive Officer, Siemens Australia</p>					
9.00	<p>Making Industry 4.0 real <i>Industry 4.0 and digitalization allow businesses to be competitive while responding to specific needs. Outcomes include extreme flexibility, high quality output, cost effective and productive operations and the creation of brand new business models. In this session, global and local experts will showcase how businesses are embracing digitalization to achieve outstanding results.</i></p> <p>Keynote speaker: Will Shrapnel, Founder and Chief Executive Officer, HeliMods (Telstra QLD Business of the Year Award winner 2018) Keynote speaker: Gerhard Kress, Vice President of Data Services, Siemens AG Keynote speaker: Hon. Cameron Dick, Minister for State Development, Manufacturing, Infrastructure and Planning</p>					
10.00	MORNING TEA					
10.30	<p>The digitalization decade: Enabling the energy transition <i>Australia's energy system has undergone radical transformation over the last decade - moving from a fossil fuel powered, linear system through to a multi-directional, prosumer network. How is digitalization enabling this transition and what is next for Australia's and the world's energy systems?</i></p> <p>Keynote speaker: Kevin Kehl, Executive General Manager - Strategy & Business Development, Powerlink Panellist: Michael Bielinski, Executive General Manager - Gas and Power, Siemens Australia Panellist: Belinda Kinkead, Director - Australian Operations, LO3 Energy</p>					
11.10	<p>Smart infrastructure: How our cities can prepare for the future by embracing the Internet of Things <i>As cities commit to smart-infrastructure programs and are faced with integrating new technologies like electric vehicles, the question remains: how should our cities prepare themselves for the future? Equally, how can local companies contribute and thrive? By embracing the Internet of Things. This session will discuss global best practises and highlights how Queensland's unique Toowoomba technology precinct will unlock the strategic value that is inherent in Australia's food and fibre industries through new and digitized infrastructure.</i></p> <p>Keynote speaker: Martin Powell, Global Head of Urban Development, Siemens Centre of Competence for Cities Panellist: Grant Statton, Chief Executive Officer, Digital Innovation and Energy, FKG Group Panellist: Sophia Hamblin Wang, Chief Operations Officer, Mineral Carbonation International (MCi)</p>					
12.00	LUNCH					
13:00	<p>Interactive Breakout Streams <i>Join the stream most relevant to your business and hear from and engage with leading experts.</i></p>					
Room	Great Room 3	Great Room 2	Studio 4	Great Room 1	Studio 3	Studio 1
	<p>National network of Industry 4.0 Test laboratories</p> <p>Learn how a group of Australian universities are building complementary test laboratories to support SMEs in their transition to Industry 4.0. Understand what they are and how you can engage with them to support your business.</p>	<p>How to supercharge your operations by leveraging secure and scalable edge / cloud infrastructure</p> <p>With cyber security front of mind, many customers are now exploring how they can leverage existing site data to run applications in real time at the edge on any industrial equipment, without having to go to site to install or maintain any software.</p>	<p>Put your cyber security readiness to the test: interactive role play based on real-life events</p> <p>You will be placed into a simulated business environment facing a series of unexpected cyber threats. You will be working in teams to build a cyber-defense strategy by making choices from amongst the best pro-active and reactive controls available.</p>	<p>Hype or hope: Can IoT add value to building owners and operators?</p> <p>Explore some of the latest trends in smart building technologies. This session will look at intelligent sensors, and usage across different built environments, as well as the concept of on-demand, real-time workplace control & personalization.</p>	<p>Shape connected mobility</p> <p>Digitalization is critical for increasing reliability, flexibility availability and the cost efficiency of rail solutions. Learn how to achieve this through the latest innovations on analytics and with cutting edge technology like drone applications, digital trainings and more.</p>	<p>From blockchain to digital twins - the merging of the energy and digital grids</p> <p>Here about how blockchain enables peer-to-peer energy trading as well as the critical role of the digital twin in Australia's energy future.</p>
13.55	10 min break					
	<p>Will a robot take your job - Collaborative digital skills development</p> <p>How can industry, academia and the broader community collaborate to help create much-needed digital skills sets? Hear about the best practices from the multi-award winning Industry 4.0 digital apprenticeship: how it has helped create much needed cross-platform digital skills.</p>	<p>Digitalization journey: Is Australia behind the rest of the world?</p> <p>A delegation of 80 customers recently visited the world's largest industrial fair, Hannover Messe. Representatives of this group share their experience and the applications, solutions, benchmarks that local companies can leverage off.</p>	<p>Accelerate the process of turning data into business value</p> <p>What are the hidden success factors to a Digitalization project? Learn from case studies to see how you can navigate the minefield on the road to Industry 4.0.</p>	<p>Data-driven decisions for the built environment</p> <p>The intelligent use of data can lead to a reduction in energy and asset costs across cities, precincts and individual buildings. We will showcase local examples of this theory in action and explore the holistic concept of an operating model for cities.</p>	<p>Unlocking the digital traffic jam</p> <p>Emerging connectivity solutions will unlock the benefits of digital traffic and vehicle simulation and real time behaviour; until systems work together we will just create more congestion in the data domain. This session will explore how to navigate the digital traffic jam.</p>	<p>The virtual world transforming the physical power system!</p> <p>Learn how digitalization will help the energy sector transition to a more customer-centric, low carbon future including virtual equipment testing in the Cloud and cyber security in an era of IT/OT convergence.</p>
15:00	COFFEE BREAK					
15.30	<p>Are you cyber-prepared or cyber-scared? <i>Digitalization is both an opportunity and risk – but you must be on top of your game and vigilant. Michelle Price, one of Australia's most dynamic speakers on cyber security will highlight how cyber security is a growth industry for Australia.</i></p> <p>Keynote speaker: Michelle Price, Chief Executive Officer, AustCyber</p>					
15.50	<p>Scalable Industry 4.0 – no one is too big or too small <i>Micro breweries and micro distilleries are on the rise in Australia and are using technology to achieve exponential growth in the first two years and tackle the issue they face later of losing control of what makes them great – consistent taste! This session will demystify the myth that some companies are too small to afford digital transformation.</i></p> <p>Warren Bradford, Director, Deacam Industrial Electrical Engineering Callum Reeves, Co-owner, Kaiju Brewery Simon Carr, Co-owner, Brogan's Way Gin Distillery Facilitated by Leonie Wong, Business development manager – Food and Beverage, Siemens Australia</p>					
16.15	<p>Closing remarks Jeff Connolly, Chairman & Chief Executive Officer, Siemens Australia</p>					
16.30	NETWORKING DRINKS					
18.30	EVENT ENDS					

DETAILS OF INTERACTIVE BREAKOUT STREAMS

13:00	Interactive Breakout Streams <i>Join the stream most relevant to your business and hear from and engage with leading experts.</i>					
Room	Great Room 3	Great Room 2	Studio 4	Great Room 1	Studio 3	Studio 1
	<p><u>National network of Industry 4.0 Test laboratories</u></p> <p>Learn how a group of Australian universities are building complementary test laboratories to support SMEs in their transition to Industry 4.0. Understand what they are and how you can engage with them to support your business.</p> <p>Facilitator: Professor Bronwyn Fox, Swinburne University</p> <p>Speakers: Professor Bronwyn Fox, Swinburne University</p> <p>Associate Professor Nico Adams, Swinburne University</p> <p>Associate Professor Stephen Cahoon, University of Tasmania</p> <p>Professor Tapan Saha, University of Queensland</p> <p>Professor Ian Burnett, University of Technology Sydney</p> <p>Dr Darren Rowland, University of Western Australia</p>	<p><u>How to supercharge your operations by leveraging secure and scalable edge / cloud infrastructure</u></p> <p>With cyber security front of mind, many customers are now exploring how they can leverage existing site data to run applications in real time at the edge on any industrial equipment, without having to go to site to install or maintain any software.</p> <p>Facilitator: Jason Cooper, Vice President - Global Sales, IOTium</p> <p>Speakers: Ron Victor, Chief Executive Officer, IOTium</p> <p>Brad Flanagan, Director, Digital & Cyber Risk, Deloitte</p>	<p><u>Put your cyber security-readiness to the test: interactive role play based on real-life events</u></p> <p>In this session you will be placed into a simulated business environment facing a series of unexpected cyber threats. You will be working in teams to build a cyber-defense strategy by making choices from amongst the best pro-active and reactive controls available.</p> <p>Facilitators: Vikram Kalkat, Senior Manager, Kaspersky</p> <p>Didi Ismawan, Manager, Kaspersky</p>	<p><u>Hype or hope: Can IoT add value to building owners and operators?</u></p> <p>Explore some of the latest trends in smart building technologies. This session will look at intelligent sensors, and usage across different built environments, as well as the concept of on-demand, real-time workplace control & personalization.</p> <p>Facilitator: Steve Wooderson, Executive General Manager for Smart Infrastructure Solutions and Service, Siemens</p> <p>Speakers: Scott Giroux, Vice President - Australia/New Zealand, Enlighted Inc.</p> <p>Jon Clarke, Head of Smart Building Delivery, Dexus</p> <p>Philip Downie, Facilities Management Solutions Director, Serco Asia Pacific</p>	<p><u>Shape connected mobility</u></p> <p>Digitalization is critical for increasing reliability, flexibility availability and the cost efficiency of rail solutions. Learn how to achieve this through the latest innovations on analytics and with cutting edge technology like drone applications, digital trainings and more.</p> <p>Facilitator: Danny Broad, Chief Executive Officer, Australasian Railway Association</p> <p>Speakers: <i>Analytics</i> Gerhard Kress, Head, Siemens Mobility</p> <p><i>Analytics, Drone & Digital Training</i> Brett Ainge, Training Team Leader, Siemens Mobility</p> <p>Chris Whiteside, Service Operations Head, Siemens Mobility</p> <p>Justin Niven, Development Engineer, Siemens Mobility</p>	<p><u>From blockchain to digital twins - the merging of the energy and digital grids</u></p> <p>Here about how blockchain enables peer-to-peer energy trading as well as the critical role of the digital twin in Australia's energy future.</p> <p>Facilitator: Michael Bielinski, Executive General Manager, Gas & Power, Siemens</p> <p>Speakers: <i>Queensland Energy Transmission</i> Victor Young, General Manager Customer Relationships and Key Accounts, Yurika</p> <p><i>Blockchain & Peer-to-Peer</i> Belinda Kinkead, Director – Australian Operations, LO3 Energy</p> <p><i>Digital Twins</i> Brian Middleton, Vice President – ANZ, Bentley Systems</p>

13.55 10 min break

<p><u>Will a robot take your job - Collaborative digital skills development</u></p> <p>How can industry, academia and the broader community collaborate to help create much-needed digital skills sets? Hear about the best practices from the multi-award winning Industry 4.0 digital apprenticeship and how it has helped create much needed cross-platform digital skills.</p> <p>Presenter: Prof. Marek Kowalkiewicz, Queensland University of Technology</p> <p>Facilitator: Nicolette Barnard, Head of HR, Siemens Pacific</p> <p>Panellists: Adrian Fahey, Sage Automation</p> <p>Prof. Bronwyn Fox, Swinburne University of Technology</p> <p>Oliver Ellard, Industry 4.0 Apprentice, Siemens Australia</p>	<p><u>Digitalization journey: Is Australia behind the rest of the world?</u></p> <p>A delegation of 80 customers recently visited the world's largest industrial fair, Hannover Messe. Representatives of this group share their experience and the applications, solutions, benchmarks that local companies can leverage off.</p> <p>Facilitator: Jesse Sherwood, Partner, Deloitte</p> <p>Keynote: David Chuter, Chief Executive Officer, IMCRC</p> <p>Panellists: Warwick Sommer, Chief Executive Officer, AmpControl</p> <p>George McCullough, Strategy Director, Interlate</p> <p>Adrian Spencer, Chief Operation Officer, SAGE Automation</p> <p>Prerana Mehta, Chief of Ecosystem Development, AustCyber</p> <p>Dr Peter Burn, Head of Influence and Policy, Ai Group</p>	<p><u>Accelerate the process of turning data into business value</u></p> <p>What are the hidden success factors to a Digitalization project? Learn from case studies to see how you can navigate the minefield on the road to Industry 4.0.</p> <p>Speakers: <i>Don't reinvent the wheel</i> Rex Chen, Solution Architect, Siemens Pacific</p> <p><i>Next Phase: Human machine partnership</i> Nick Engelman, Snr Manager, System Engineering, Dell Technologies</p> <p><i>Nukon's journey in the MindSphere Ecosystem</i> Rafael Amaral, Chief Technology Officer, Nukon</p>	<p><u>Data-driven decisions for the built environment</u></p> <p>The intelligent use of data can lead to a reduction in energy and asset costs across cities, precincts and individual buildings. We will showcase local examples of this theory in action and explore the holistic concept of an operating model for cities.</p> <p>Facilitator: Ross Thompson, Executive General Manager & Head of Distributed Energy Systems, Siemens</p> <p>Speakers: Martin Powell, Global Head, Urban Development, Siemens, Centre of Competence for Cities</p> <p>Megan Houghton, Executive General Manager, Energy Solutions, ERM Power</p> <p>Prof. Tapan Saha, University of Queensland</p>	<p><u>Unlocking the digital traffic jam</u></p> <p>Emerging connectivity solutions will unlock the benefits of digital traffic and vehicle simulation and real time behaviour; until systems work together we will just create more congestion in the data domain. This session will explore how to navigate the digital traffic jam.</p> <p>Facilitator: Raphaelle Guerineau, Country Manager, Siemens Mobility</p> <p>Speakers: <i>Intelligent Transport Systems</i> Alexandre Torday, Global Head of Professional Services, Aimsun</p> <p><i>5 G Connectivity</i> Adam Bryant, Head of Customer Solution Architects, Asia Pacific, Nokia</p>	<p><u>The virtual world transforming the physical power system!</u></p> <p>Learn how digitalization will help the energy sector transition to a more customer-centric, low carbon future including virtual equipment testing in the Cloud and cyber security in an era of IT/OT convergence.</p> <p>Facilitator: Michael Bielinski, Executive General Manager, Gas & Power, Siemens</p> <p>Speakers: <i>Would you rather... Transformation or Obsolescence?</i> Paul Gleeson, Managing Director Energy, Resources and Manufacturing, Aurecon</p> <p><i>Protecting the grid with digital twins, the cloud</i> Frankie Lu, Product Manager – Digital Grid, Siemens Australia</p> <p><i>"Digitalization and OT Cybersecurity – Safely Bridging the IT/OT Convergence"</i> Justin Nga, APAC ICS Cybersecurity Manager PAS</p>
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