



National  
Manufacturing  
Week  
Celebrating 20 years



Day 1 Tuesday 14 May 2019

INDUSTRY 4.0 THEATRE	CONNECTED MANUFACTURING THEATRE
<p>10:15am – 10:30am <a href="#">Opening Remarks</a> <i>Robby Clark, Exhibition Director, Reed Exhibitions and Dr Jens Goennemann, Managing Director, AMGC</i></p>	
<p>10:30am - 11:15am Opening and Chair: <i>Dr Jens Goennemann, Managing Director, AMGC</i></p> <p><a href="#">Keynote</a> <i>Dr Alan Finkel AO, Australia's Chief Scientist</i></p>	
<p><u>INNOVATION &amp; COLLABORATION</u> 11:15am – 12:30pm <a href="#">Innovation Stories Series</a> Run by</p>  <p>Chair: <i>Dr Jens Goennemann, Managing Director, AMGC</i></p> <p><b>Panellists:</b> <i>Professor Michelle Gee, RMIT University</i> <i>Dr Matt Dingle, Managing Director, FormFlow</i> <i>Dr Roger Lumley, Senior Technical Specialist, AW Bell</i></p>	<p><u>ENVIRONMENT &amp; ENERGY</u> 11:15am – 12:25pm <a href="#">Energy Solutions for Manufacturers</a></p> <p>Data and demand management: Employing data science and analytics to drive the greatest value from energy investments <i>Peter Ticker, Digital Innovation and Advisory Lead Energy Solutions, ERM Power</i></p> <p>Reducing electricity costs through demand response <i>Marija Petkovic, Managing Director, Energy Synapse</i></p> <p>Combining the best of demand response with renewable PPA's <i>Matthew van der Linden, Managing Director, Flow Power</i></p>
<p>12:30pm – 1:10pm <a href="#">Australian manufacturing in 2019 and beyond</a> <i>Mark Goodsell, Director NSW, Ai Group</i></p>	<p>12:25pm – 1:00pm <a href="#">How optimising B2B packaging will reduce business costs</a> <i>Brooke Donnelly, CEO, Australian Packaging Covenant Organisation</i></p>
<p>1:10pm – 1:45pm <a href="#">Operationalising Industry 4.0 in Manufacturing</a> <i>Dr Nico Adams, Director, Factory of the Future, Swinburne University</i></p>	<p><u>PROCESS IMPROVEMENT &amp; OPTIMISATION</u> 1:00pm – 1:35pm <a href="#">The Internet of Things makes manufacturers smart and connected</a> <i>Sandy Le Roux, Principal Consultant, Epicor Business Solutions Group Asia-Pacific</i></p>





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## INDUSTRY 4.0 THEATRE

### INNOVATION & COLLABORATION

1:45pm – 2:45pm

[Panel Discussion: Trials and triumphs of Australian machinery manufacturers](#)

Run by



**@AuManufacturing**  
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#### Panel Chair:

*Peter Roberts, Editor, @AuManufacturing*

#### Panellists:

*Grand Anderson, Director Sutton Tools and former CEO*

*ANCA Group*

*Alf Taylor, Co-founder and CEO, TAN Solutions*

*Byron Kennedy, CEO, SPEE3D*

*Barry Hendy, Managing Director, ADDE*

2:45pm – 3:20pm

[Unlocking the power of Industry 4.0 through industry-research collaboration](#)

*Dr Jason Coonan, Chief Operating Officer, IMCRC and Dr  
Matthew Young, Manufacturing Innovation Manager,  
IMCRC*

3:20pm – 3:50pm

[The journey and future of a niche Australian manufacturer](#)

*Tim Modra, Managing Director, Modra Technology*

3:50pm – 4:25pm

[Industry 4.0: Walk the talk](#)

*George Yammouni, Executive Director, Headland  
Machinery and Jörg Ellerkmann,  
Managing Director, Singapore, TRUMPF*

## CONNECTED MANUFACTURING THEATRE

### PROCESS IMPROVEMENT & OPTIMISATION

1:35pm – 2:10pm

[Achieving a single source of performance truth](#)

*Tim Odokeychuk, Director, Focusivity*

2:10pm – 2:45pm

[The Maintenance Team, from necessary cost to a great investment](#)

*Simon Murray, Managing Director,  
Your Maintenance Coach*

2:45pm – 3:20pm

[Lean Labor & Fonterra](#)

*Toni Kennington, HR Systems Owner,  
Fonterra Cooperative Group*

3:20pm – 3:55pm

[ISO 18404, an international standard for lean manufacturing](#)

*Dr. Arash Niavarani, Director, CBIS*



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Day 2 Wednesday 15 May 2019

## INDUSTRY 4.0 THEATRE

### INNOVATION

10:30am – 11:30am

[Australian Manufacturing Forum Panel:  
It is time to talk reshoring](#)

Run by



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#### Panel Chair:

*Brent Balinski, Editor, @AuManufacturing*

#### Panellists:

*Ty Hermans, Managing Director, Evolve Group  
Ben Schultz, Managing Director, Bastion Cycles  
Greg McGarvie, Managing Director, ACE-EV Group  
Mark Peters, State Director Qld and NT, Australian  
Manufacturing Growth Centre*

11:30am – 12:10pm

[Industry transformation: How Industry 4.0 impacts  
Australia's manufacturing sector](#)

*David Chuter, CEO, IMCRC*

12:10pm – 12:45pm

TBA

*Matthew Jackson, Director, Head of Industry 4.0 Australia,  
KPMG*

12:45pm – 1:45pm

[The impact of Industry 4.0 and showcase of NSW  
advanced manufacturing industry](#)

Panel Chair: *Kylie Bell, Executive Director, Industry Trade  
and Investment, NSW Department of Industry*

#### Panelists:

*Professor Chun Wang, Head of the School of Mechanical  
and Manufacturing Engineering, UNSW  
David Fox, General Manager, L&A Pressure Welding  
Michael Sharpe, Director East, Advanced Manufacturing  
Growth Centre  
Mark Goodsell, Director NSW, Australian Industry Group*

## CONNECTED MANUFACTURING THEATRE

### SAFETY INNOVATION

10:30am – 11:05am

[Manufacturing Safety Innovation](#)

*Paul Court, General Manager, Maxcon Industries*

11:05am – 11:40am

[Improving workplace policy and positive changes in  
employee behaviour and safety culture](#)

*Richard Truter, ANZ HSE Manager, Nufarm*

11:40am – 12:15pm

[Eliminating human error by creating a digital framework  
for compliance](#)

*Mick Storch, Managing Director, The Bullion Group and  
Jason Kelly, Mackay Conveyor Equipment*

### MENTAL HEALTH & WELL-BEING

12:15pm – 12:45pm

[Injury recovery times and return to work](#)

*Dr Hayden Mackenzie, Research and Development, Work  
Healthy Australia*

12:45pm – 1:20pm BREAK

### SAFETY POLICY

1:20pm – 1:55pm

[Safety Policy Case Study \(TBA\)](#)

*Neal Smith, HSEQ Manager, FDC Construction & Fitout*



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INDUSTRY 4.0 THEATRE	CONNECTED MANUFACTURING THEATRE
1:45pm – 2:20pm BREAK	1:55pm – 2:30pm <a href="#">Challenges in the implementation of ISO 45001:2018, are you ready yet?</a> <i>Mousa Sharifi, Certification Manager, Global Compliance Certification</i>
ADVANCED MATERIALS 2:20pm – 2:55pm <a href="#">The exciting world of Additive Manufacturing materials</a> <i>Philip Walls, Director, Hitech Materials</i>	SAFETY MANAGEMENT & CULTURE 2:30pm – 3:05pm <a href="#">Using workforce management to create safer working spaces</a> <i>Charlie DeWitt, VP of Business Development, Kronos</i>
2:55pm – 3:30pm <a href="#">Graphene: The solution for large scale surface sensing</a> <i>Chris Gilbey, CEO &amp; Executive Chairman, Imagine Intelligent Materials</i>	3:05pm – 3:40pm <a href="#">Safety as a vehicle for culture change</a> <i>Juliet Maynard, People and Safety Manager, Monier Roofing (CSR)</i>  3:40pm – 4:15pm <a href="#">Move4Life program at VIVA Energy Australia</a> <i>Mark Hazelton, Occupational Health Advisor, Viva Energy Australia</i>





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Day 3 Thursday 16 May 2019

INDUSTRY 4.0 THEATRE	CONNECTED MANUFACTURING THEATRE
<p><b>DIGITALISATION</b> 10:30am – 11:10am</p> <p><a href="#">How Industry 4.0 and IoT can be rolled out to the advantage of the machine building industry while maintaining safety and security</a> <i>Christopher Vains, Head of Digital Enterprise, Siemens</i></p>	<p><b>MARKETING &amp; SALES</b> 10:30am – 11:05am</p> <p><a href="#">Conversational Marketing Class: Engaging your brand with prospects and customers</a> <i>Hannah Stack, Marketing Specialist, Salted Stone</i></p>
<p>11:10am – 11:45am</p> <p><a href="#">Artificial Intelligence in Advanced Manufacturing: Case study</a> <i>Alan Dormer, Managing Director, Opturion</i></p>	<p>11:05am – 11:40am</p> <p><a href="#">How to master multichannel: Case studies and tips for Australian manufacturers</a> <i>Gareth Berry, CEO, Unleashed Software</i></p>
<p>11:45am – 12:20pm</p> <p><a href="#">Earning trust in the age of disruption</a> <i>Kevin Dherman, Chief Innovation Officer, Syspro</i></p>	<p>11:40am – 12:15pm BREAK</p>
<p>12:20pm – 12:55pm</p> <p><a href="#">The smart enough factory: Roll your own Industry 4.0 solution?</a> <i>Dr Steve Dowey, Technology Manager, Sutton Tools and Snr Industry Fellow, RMIT</i></p>	<p><b>ADDITIVE MANUFACTURING &amp; DESIGN</b> 12:15pm – 12:50pm</p> <p><a href="#">Additive manufacturing: A key enabler for an internationally competitive, local manufacturing sector</a> <i>Ben Michelfelder, Business Development Manager, Conflux Technology, Agent for EOS</i></p>
<p>12:55pm – 1:25pm</p> <p><a href="#">Industry 4.0 is as much about software as hardware</a> <i>Neil Clarke, National Technology Facilitator for Entrepreneurs Program, AMTIL</i></p>	<p>12:50pm – 1:25pm</p> <p><a href="#">Metal 3D printing: A recipe for success</a> <i>Alex Kingsbury, Managing Director, Additive Economics and James Woolcock, Founder &amp; Engineering Director, Bastion Cycles</i></p>
<p>1:25pm – 2:25pm</p> <p>Victorian Government Panel</p> <p><a href="#">Working together: Collaboration in the age of Industry 4.0 and emerging areas of growth in Victorian manufacturing</a></p>	<p>1:25pm – 2:00pm</p> <p><a href="#">What is Generative Design?</a> <i>Matthew McKnight, Sr. Technical Sales Specialist, Autodesk</i></p>
<p><b>INDUSTRY 4.0 WORKFORCE</b> 2:25pm – 2:55pm</p> <p><a href="#">New technology revolutionising welder training</a> <i>Geoff Crittenden, CEO, Weld Australia</i></p>	<p>2:00pm – 2:35pm</p> <p><a href="#">Autodesk advance steel: Automated generation of the NC and DXF files of your structure model</a> <i>Deepak Maini, National Technical Manager, Cadgroup Australia</i></p>



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INDUSTRY 4.0 THEATRE	CONNECTED MANUFACTURING THEATRE
<p>2:55pm – 3:25pm <a href="#">Enabling the skills of our future workforce</a> <i>Sharon Robertson, CEO, IBSA Manufacturing</i></p>	<p>2:35pm – 3:10pm <a href="#">Translation of designs to manufacturing: Tools to improve your competitive advantage</a> <i>Jeff Malone, Head of Operations, D+I Melbourne</i></p>
<p>INDUSTRY 4.0 3:25pm – 3:55pm <a href="#">Industry 4.0 digital shipbuilding in the global supply chain</a> <i>Jürgen W. Schneider, Chair, Victorian Defence Alliance – Submarines</i></p>	<p>3:10pm – 3:45pm <a href="#">From mass production to mass customisation: The case of a case factory</a> <i>Dr Morteza Pourmohamadi, R&amp;D Project Manager, Design Quintessence</i></p>
<p>3:55pm – 4:25pm <a href="#">Manufacturing and the space economy</a> <i>Adam Clash, National Engagement, Australian Space Agency</i></p>	<p>3:45pm – 4:20pm <a href="#">Gain competitive advantage and unlock your IP</a> <i>Tim Szalek, Associate Director, Glasshouse Advisory</i></p>
<p>4:25pm – 5:00pm <a href="#">Are you ready for the defence market?</a> <i>Dr Karen Stanton, Director HTA Group and Advisory Board Member, Centre for Defence Industry Capability</i></p>	





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Day 4 Friday 17 May 2019

## INDUSTRY 4.0 THEATRE

### INDUSTRY 4.0 TECHNOLOGY/ROBOTICS/AUTOMATION

10:30am – 11:05am

#### [Evolution and future of robotic manufacturing in Australia](#)

*Dr Elliot Duff, Robotics Research Consultant, CSIRO Data61*

11:05am – 11:40am

#### [Building a smarter value chain](#)

*Anna Reid, General Manager for Manufacturing, Asahi Beverages & Dr Lucy Liu, Head of Supply Chain Academy Manager, Asahi Beverages*

11:40am – 12:15pm

#### [The transformative power of digital technology: Steel fabrication & installation](#)

*Des Watkins, Owner, Watkins Steel*

12:40pm – 1:15pm

#### [Augmented Reality for high value manufacturing processes](#)

*Allan Thompson, PTC Technical Manager, LEAP Australia*

1:15pm - 2:15pm

#### [Weld Australia Panel Discussion – Adopting technology: The pain and the gain](#)

Panel Chair:

*Geoff Crittenden, CEO, Weld Australia*

Panellists:

*Coming soon*

## CONNECTED MANUFACTURING THEATRE

### FINANCE, GOVERNMENT GRANTS & INCENTIVES

10:30am – 11:30am

#### [Working Capital Finance & Economic Update](#)

Panel Chair:

*Andrew Eastwood, Executive Manager, Manufacturing and Wholesale, Bank of Melbourne*

Panellists:

*Andrew Pryor, Director Financial Markets, Bank of Melbourne*

*Tom Wright, Invoice Finance Manager, Bank of Melbourne*

*Nick Moutsos, State Manager, Trade and Invoice, Bank of Melbourne*

11:30am – 12:05pm

#### [Supporting Australian manufacturers take on the world with access to export finance](#)

*Philip Smith, Director Business Development VIC/Tas, Efic*

12:05pm – 12:40pm

#### [Understanding government grants for the manufacturing sector](#)

*Kate Whitehead, Managing Director, Avant Group*

12:40pm – 1:15pm

#### [R&D tax incentives explained](#)

*Nicola Purser, Partner R&D, BDO*