



**AMPC**

# Innovation

## Showcase 2022

### The future of red meat processing

**11 – 13 October**

Victoria Pavilion  
Melbourne Showgrounds



## Day 1 Tuesday 11 October 2022

Time	Session and topic	Presenter
8:00	Registration	
9:00	Conference opening	<b>Pip Courtney</b> , MC
9:10	Special guest	
9:30	Welcome	<b>Chris Taylor</b> , CEO, AMPC <b>Nick Pagett</b> , GM RD&A, AMPC
10:00 – 11:00	Morning tea in atrium	
10:00 – 11:00	R&D innovation area – demonstrations	

### Session 1 – Chris Riddell – Innovation, transformation and mega trends

Keynote presentation

Chris Riddell is a renowned strategist and global emerging trend spotter for businesses. In this provocative session, he'll look at what the future holds. Join Chris as he explores the ways so-called radical innovation can help the meat industry stay ahead of rapidly evolving technology; discusses what skills will be needed to enable growth and transformation; and looks at the technological mega trends that will shape the world we live and work in. Looking beyond 2030, Chris will talk about the rapid shifts in every facet of our lives – and how this dramatically different world requires clever leadership and fresh perspectives in the meat processing sector.

11:00	Innovation, transformation and mega trends	<b>Chris Riddell</b> , Futurist and Strategist
12:00 – 12:45	Lunch in atrium	
12:00 – 12:45	R&D innovation area – demonstrations	

### Session 2 – Advanced manufacturing

Chair: **Stuart Shaw**, Program Manager – Advanced Manufacturing, AMPC

Can artificial intelligence (AI) assist processing automation? Join AMPC program manager Stuart Shaw and Co-Innovation Manager Greg Williams to learn the answer to this and more. Hear about some of the exciting technology that is revolutionising red meat processing and get updates on a number of projects AMPC has been working on, with insights from Mimeo, Konica Minolta and Intelligent Robotics. Drone Deploy will also be on stage sharing updates from trials at processing sites – and they're bringing a very special guest you won't want to miss.

12:45	Introduction	<b>Stuart Shaw</b> , Program Manager – Advanced Manufacturing, AMPC
12:50	Shadow robotics	<b>Barbara Webster</b> , Director, Mimeo Industrial
1:05	3D printing	<b>Matthew Hunter</b> , National Manager Emerging Technology, Konica Minolta
1:15	Beef scribing and remote operations	<b>Jonathan Cook</b> , Electrical Engineering Manager, Intelligent Robotics
1:25	Q&A panel session – AGV technology – Spot the dog	<b>Benedict Davidson</b> , Product Success – Ground Robotics, DroneDeploy <b>Greg Williams</b> , Co-Innovation Manager, AMPC
1:50	Questions	<b>Pip Courtney</b> , MC

### Session 3 – People and culture – spotlight on virtual reality

Chair: **Amanda Carter**, Program Manager – People and Culture, AMPC

From the boning room to the washroom, virtual reality – and its close cousins augmented reality and mixed reality – promise to deliver revolutionary change to the red meat processing industry. In this session, AMPC's Amanda Carter will introduce you to a new VR project. The session will not only look at projects underway but ask questions about what other applications may be possible.

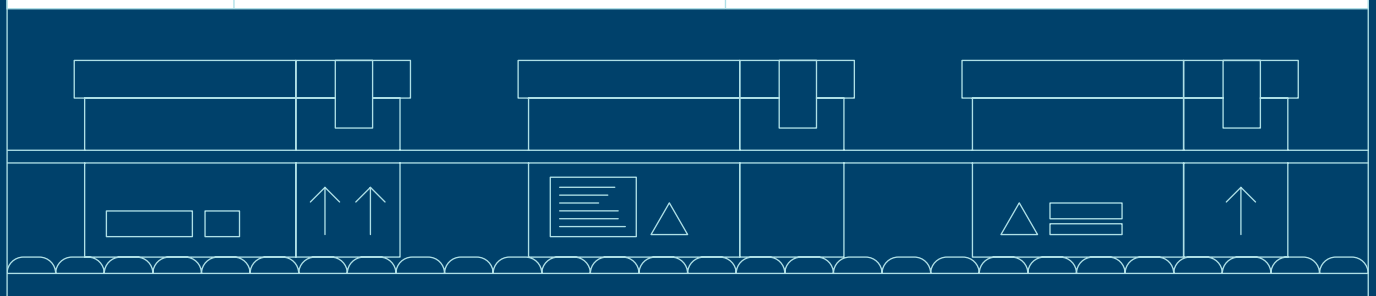
2:00	Introduction	<b>Amanda Carter</b> , Program Manager – People and Culture, AMPC
2:05	Virtual reality training	<b>Tim Gentle</b> , Founder, Think Digital <b>Kat Bidstrup</b> , CEO, Think Digital
2:25	Other uses for virtual reality in a meat processing plant	<b>Amanda Carter</b> , Program Manager – People and Culture, AMPC
2:30	Panel Q&A	<b>Tim Gentle</b> , Founder, Think Digital <b>Kat Bidstrup</b> , CEO, Think Digital <b>Amanda Carter</b> , Program Manager – People and Culture, AMPC
2:45	Questions	<b>Pip Courtney</b> , MC
3:00 – 3:30	Afternoon tea in atrium	
3:00 – 3:30	R&D innovation area – demonstrations	

### Session 4 – Resource efficiency and the circular economy

Chair: **Matthew Deegan**, Program Manager – Sustainability, AMPC

Efficiency and productivity should both be optimised in a successful processing operation. In this session, AMPC's Matt Deegan explores how to achieve efficiency and productivity across energy, water and waste, with special guests from Tessele, All Energy and JBS. The session will touch on topics including the transition from waste to resource recovery, the development of community trust and collaboration, and the benefits of utilising a circular economy.

3:30	Introduction	<b>Matthew Deegan</b> , Program Manager – Sustainability, AMPC
3:35	Circular economy in the red meat industry	<b>Dr Fabiana Tessele</b> , Director, Tessele Consultants
3:50	AMPC sustainability pilot projects demonstrating resource efficiency	<b>Gareth Forde</b> , Principal, All Energy
4:05	Resource efficiency in-plant application	<b>Michael Lang</b> , Sustainability & Reliability Engineer, JBS Australia
4:15	Questions	<b>Pip Courtney</b> , MC
4:30	Close of plenary sessions	
4:30 – 5:30	R&D innovation area – demonstrations	
5:00 – 7:00	Cocktail welcome event in plenary area	<b>Samantha Bloom</b> , special guest speaker



## Day 2 Wednesday 12 October 2022

Time	Session and topic	Presenter
9:00	Welcome	<b>Pip Courtney, MC</b>
9:05	The future of policy for the red meat industry	<b>Patrick Hutchinson, CEO, Australian Meat Industry Council</b>

### Session 5 – Eating quality and measurement

Chair: **Blair Brice**, Co-Innovation Manager, AMPC

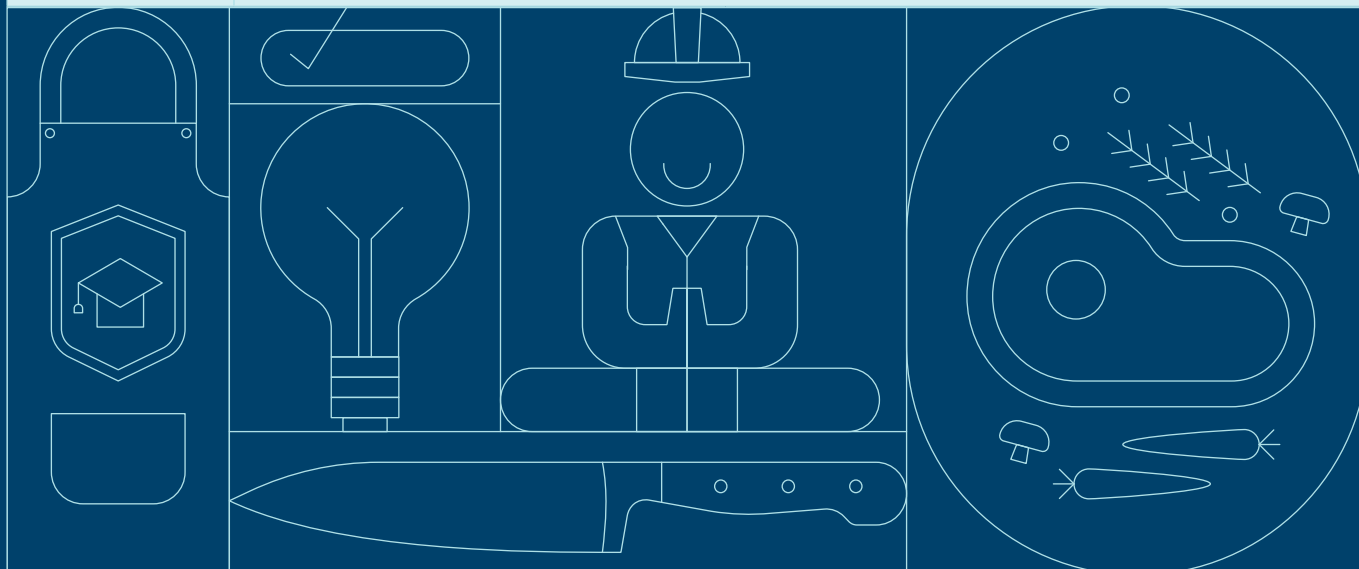
9:30	Introduction	<b>Blair Brice</b> , Co-Innovation Manager, AMPC
9:35	Advanced livestock measurement technologies	<b>Dr Graham Gardner</b> , Processor, Murdoch University
9:45	DEXA	<b>Robert Davidson</b> , Supply Development Manager, WAMMCO
10:00	MEQ Probe	<b>William Barton</b> , CEO, Gundagai Lamb
10:15	Questions	<b>Pip Courtney, MC</b>
10:30 – 11:00	Morning tea in atrium	
10:30 – 11:00	R&D innovation area – demonstrations	

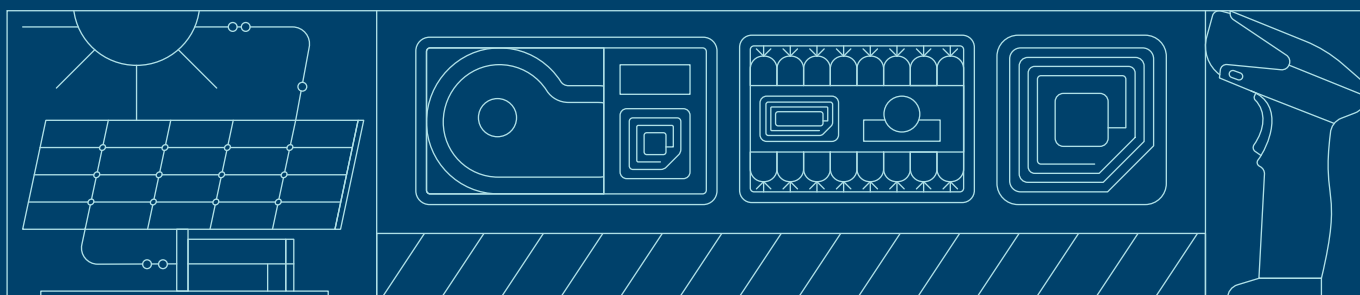
### Session 6 – Michael McQueen – Preparing now for what's next

Keynote presentation

Walk out of this session with a clear action plan for navigating your business through choppy waters as the meat processing and wider food manufacturing sector faces the perfect storm of disruption and upheaval. Michael McQueen will explain why the future success and survival of your organisation rests on the ability to anticipate, prepare for, and pre-empt disruption. In this session, he will talk about the four major forms of disruption we'll see in the next decade, and he'll help you avoid the culture and mindset traps that could derail your plans to survive and thrive. Michael aims to send people away from his session with practical steps to keep their business relevant and resilient.

11:00	Preparing now for what's next	<b>Michael McQueen</b> , Trend Forecaster
12:00 – 1:00	Lunch in atrium	
12:00 – 1:00	R&D innovation area – demonstrations	





## Session 7 – Traceability why it matters

Chair: **Ann McDonald**, Program Manager – Markets and Integrity, AMPC

Traceability plays a role in everything from food safety to marketing and it's something that every red meat processor needs to be across. In this interesting session, AMPC Program Manager Ann McDonald will be joined by Dr John Langbridge from Teys Australia, who will talk about traceability through the red meat supply chain. Bondi Labs and Swinburne University will also take part in this session, with insights and updates around the AMPC projects they are undertaking tracing boxed product and matching product in the box with the box label. The panel will consider further opportunities to improve traceability through processing establishments.

1:00	Introduction	<b>Ann McDonald</b> , Program Manager - Markets and Integrity, AMPC
1:05	Department of Agriculture, Fisheries and Forestry traceability strategy	<b>Jo Bunting</b> , Director, Department of Agriculture, Fisheries and Forestry
1:15	Traceability through the red meat supply chain and Meat Messaging	<b>Dr John Langbridge</b> , Manager Corporate and Industry Affairs, Teys Australia
1:25	Panel Q&A session: IoT solutions for labelling consistency and integrity in meat export supply chains	<b>Dr Hadi Ghaderi</b> , Senior Lecturer in Logistics & Supply Chain Management, Swinburne University of Technology <b>Dr John Langbridge</b> , Manager Corporate and Industry Affairs, Teys Australia <b>Dr Stuart Smith</b> , Research and Engagement Manager, Bondi Labs
1:55	Session close	<b>Pip Courtney</b> , MC

## Session 8 – Trading in a sustainability – conscious world

Chair: **Matthew Deegan**, Program Manager – Sustainability, AMPC

This session will look at how international sustainability frameworks are changing with customer expectations around food provenance and processing. Stephen Weidemann, principal scientist at Integrity Ag, will discuss how these changes may affect Australian red meat processors, and what they could be doing now to ensure they continue to trade freely into the future. Daniel Raftopoulos, Head of Climate Active Services with Ndevr, will discuss the use of carbon certifications. The presentations will be followed by a Q&A with Coles Group Senior Beef Livestock Procurement Manager Stephen Rennie and Teys Chief Sustainability Officer Carl Duncan.

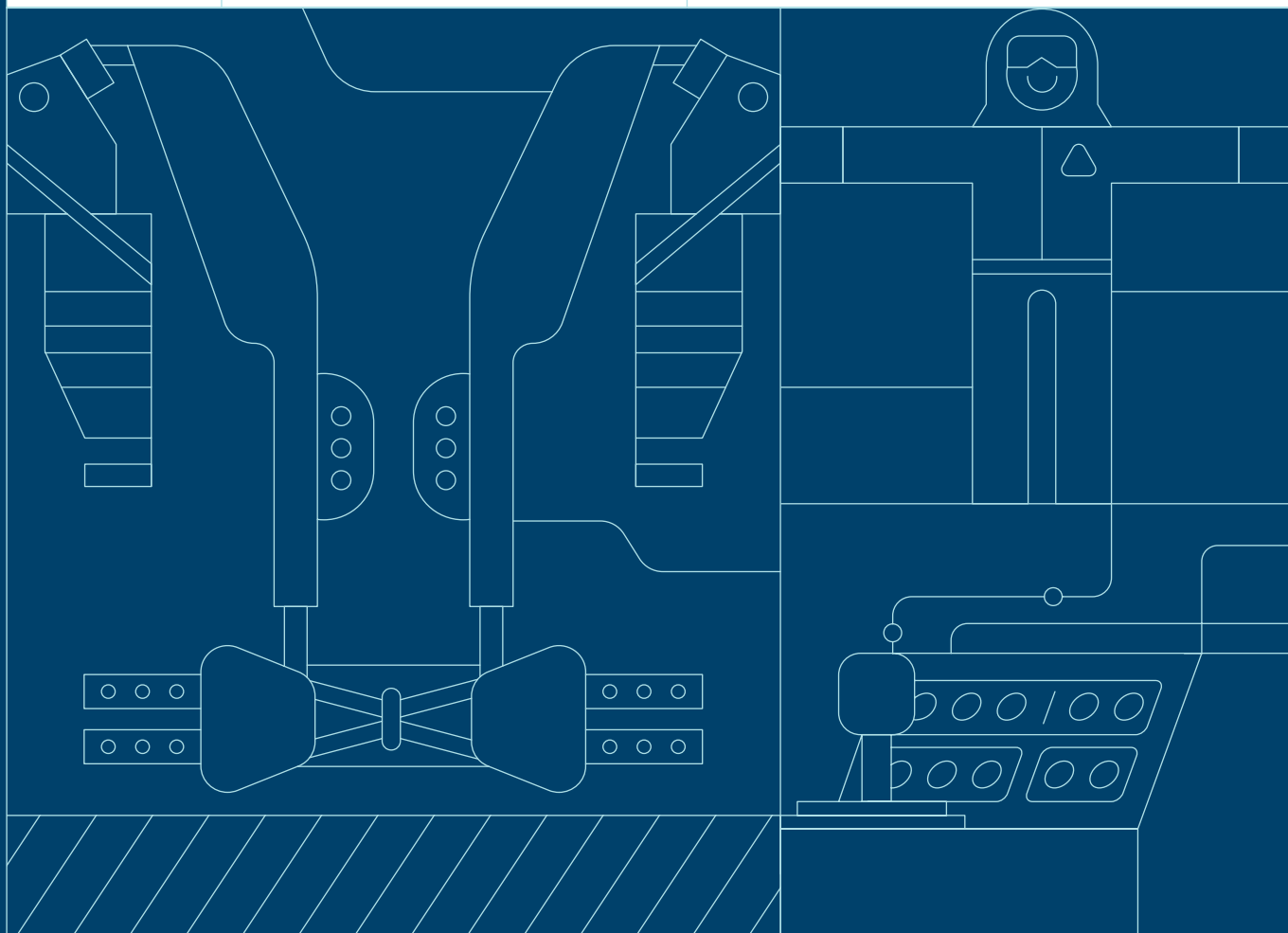
2:00	Introduction	<b>Matthew Deegan</b> , Program Manager – Sustainability, AMPC
2:05	Market authorities and retailers	<b>Dr Stephen Wiedemann</b> , Principal Scientist, Integrity Ag
2:20	Climate active	<b>Daniel Raftopoulos</b> , Principal Climate Change Consultant, Ndevr Environmental
2:35	Panel Q&A	<b>Matthew Deegan</b> , Program Manager – Sustainability, AMPC <b>Dr Stephen Wiedemann</b> , Principal Scientist, Integrity Ag <b>Daniel Raftopoulos</b> , Principal Climate Change Consultant, Ndevr Environmental <b>Carl Duncan</b> , Chief Sustainability Officer, Teys Australia <b>Stephen Rennie</b> , Senior Beef Livestock Procurement Manager, Coles
3:00 – 3:30	Afternoon tea in atrium	
3:00 – 3:30	R&D innovation area – demonstrations	

## Session 9 – International trade and emerging markets

Chair: **Ann McDonald**, Program Manager – Markets and Integrity, AMPC

If you're keen to know what the global market looks like and where opportunities might be opening, this session is a must. CSIRO kicks things off with an overview of global megatrends that are shaping every aspect of the economy, before our panel of guests look at what those trends might mean for the red meat sector. The panel includes Chris Tinning from the Department of Agriculture, Fisheries and Forestry and industry experts, Mick Johnston from JBS and Ann McDonald from AMPC.

3:35	Introduction	<b>Ann McDonald</b> , Program Manager – Markets and Integrity, AMPC
3:45	Global mega trends	<b>Stefan Hajkowicz</b> , Principal, CSIRO
3:55	Panel Q&A	<b>Stefan Hajkowicz</b> , Principal, CSIRO <b>Ann McDonald</b> , Program Manager - Markets and Integrity, AMPC <b>Chris Tinning</b> , First Assistant Secretary Trade and Market Access and International Division, Department of Agriculture, Fisheries and forestry <b>Mick Johnston</b> , Group Food Safety and Quality Manager, JBS Australia
4:10	Close of plenary sessions	
4:10 – 7:00	R&D innovation area – demonstrations	
5:00 – 7:00	BBQ networking event	Special guest chefs <b>David Dwyer</b> and <b>Andrew Hearnden</b> , Kilcoy Global Foods



## Day 3 Thursday 13 October 2022

Time	Session and topic	Presenter
8:55	Welcome	<b>Pip Courtney, MC</b>

### Session 10 – Innovation manager session

Chair: **Nick Pagett**, GM RD&A, AMPC

Hear from our Innovation Managers about projects they have been running.

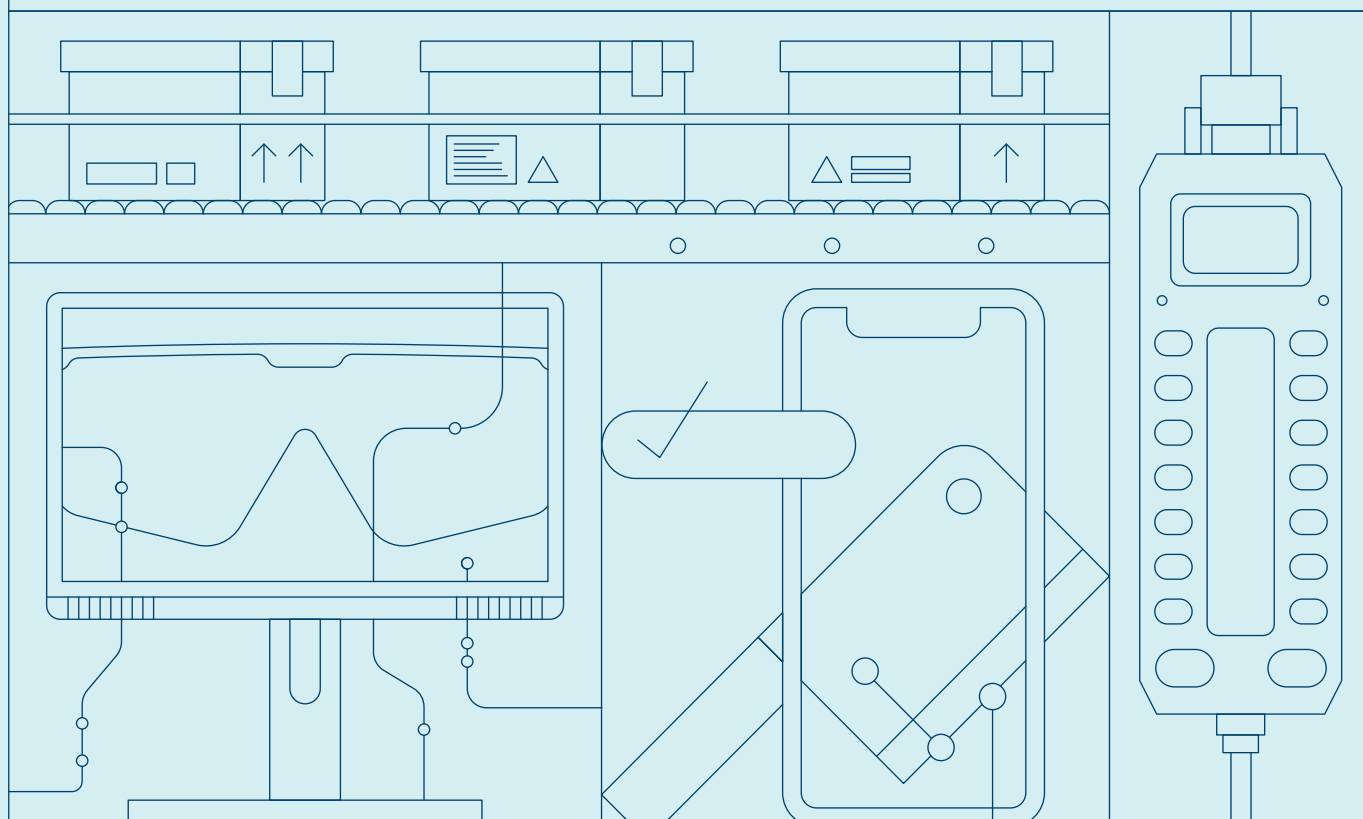
9:00	Introduction	<b>Nick Pagett</b> , GM RD&A, AMPC
9:15	JBS Australia	<b>Michael Finucan</b> , Innovation Manager, JBS Australia
9:30	Fletcher International Exports	<b>Gabi Ryan</b> , Innovation Manager, Fletcher International Exports
9:45	The Casino Food Co-op	<b>Trevor Moore</b> , Innovation Manager, The Casino Food Co-op
10:00	Questions	<b>Pip Courtney, MC</b>
10:30 – 11:00	Morning tea in atrium	
10:30 - 11:00	R&D innovation area – demonstrations	

### Session 11 – Maximising carcass value

This session will explore how best to deal with costing pressures and the role costing has in maximising carcass value, including an international case study of Tyson Fresh Meats USA's costing culture and projects overlayed against Australian red meat processors costing challenges and opportunities.

11:00	Maximising carcass value	<b>Matthew Smith</b> , President and CEO, 3C Software
11:15	Tyson Fresh Meats USA	<b>Skip Roggenbauer</b> , Director Information Technology & Business Engagement, Tyson Fresh Meats USA
11:35	Panel session	<b>Matthew Smith</b> , President and CEO, 3C Software <b>Skip Roggenbauer</b> , Director Information Technology & Business Engagement, Tyson Fresh Meats USA <b>Kevin Simon</b> , Director, BMA Group
11:50	Questions	<b>Pip Courtney, MC</b>
12:00 – 1:00	Lunch in atrium	
12:00 - 1:00	R&D innovation area – demonstrations	
1:00	Event conclusion and thank you	<b>Chris Taylor</b> , CEO, AMPC
1:10	Event close	

# Speaker bios



**William Barton**  
Gundagai Lamb

Will Barton has been the Chief Executive Officer at Gundagai Meat Processors since 2014. Prior to joining GMP as CEO, Will was Director of Agribusiness within CBRE Asia-Pacific, the world's largest commercial real estate firm. In 2009, Will completed a Bachelor of Applied Science (Valuation) with Honours First Class, at RMIT. His early career was spent in property valuation roles, specialising in agribusiness assets and studying an Associate Degree in Food Science. Will is passionate about shaping the future of the industry and has been an active member of various committees including the Sheep Sustainability Steering Group, National Agricultural Labour Advisory Committee and the Objective Measurement Adoption & Commercialisation Committee. He was also part of the Red Meat Memorandum of Understanding Taskforce in 2019.

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**Samantha Bloom**  
Guest speaker

Samantha Bloom is a two-time World Para Surfing champion, bestselling author and inspiration behind the film, *Penguin Bloom*. The movie is adapted from the international bestselling *Penguin Bloom: The Odd Little Bird Who Saved a Family*. Paralysed in an accident in Thailand in 2013, Sam has since won two Oceania KL1 paracanoe championships and was the Australian and the World Para Surfing champion twice. In 2022, she was awarded the Surfing Australia Female Para Surfer of the Year. Sam works with numerous spinal cord injury charities worldwide and is a global ambassador for Wings For Life. She is an adventure traveler, former neurology nurse and mother of three boys.



**Kat Bidstrup & Tim Gentle**  
Think Digital

Kat Bidstrup and Tim Gentle are the Founders & Directors of Think Digital Studios. Think Digital is one of Australia's leading innovative XR studios creating Immersive Technology (Virtual Reality + Augmented Reality) solutions for agriculture to assist with marketing, education, training and on farm productivity gains. The Think Digital Coach, a 14 metre "classroom on wheels" travels around Australia delivering XR experiences at agricultural shows, schools, events and conferences. We work with RDCs, Australian Government agencies, tertiary educators and large organisations.





### **Jo Bunting**

**Department of Agriculture, Fisheries and Forestry**

Jo Bunting is Principal Director of the Future Traceability Hub in Trade Reform at DAFF. Jo has worked across regulatory and innovation policy in the Australian Government for 15 years. She joined DAFF in late 2020 and commenced in her current role, establishing the Future Traceability Hub, in February 2022. The Hub seeks to drive nationally-coordinated and industry-led systemic traceability reform to support agricultural export trade and economic benefit from farm to fork and back again.



### **Jonathan Cook**

**Intelligent Robotics**

Jonathan Cook is the Electrical Engineering Manager at Intelligent Robotics. Starting within the red meat industry graduate's program, Jonathan has been involved in many red meat industry projects throughout his career. His expertise includes bringing together advanced sensing technologies, vision processing algorithms, robotics, and controls engineering to solve the novel problems, and overcome the unique challenges, presented in meat industry automation. He possesses a Bachelor of Engineering (Mechatronics) (Hons), Master of Engineering Management, Diploma in Project Management, and has completed courses in Radiation Safety and Meat Science.



### **Pip Courtney**

**MC**

Pip Courtney has worked for the ABC for 31 years as a radio and Television news and current affairs reporter in Tasmania ACT VIC and now Qld. She joined Landline as a reporter 23 years ago and has been host since 2012. She has won international and national awards for her work and is committed to telling rural Australia's stories.



### **Benedict Davidson**

**DroneDeploy**

Ben Davidson has worked in the IT sector for 22 years, from software engineer through to sales and is currently a Product Specialist at DroneDeploy in the Ground Robotics team. He lives in Auckland, New Zealand with his family.



### **Carl Duncan**

**Teys Australia**

Carl is a multi-skilled professional specialising in supply chain emissions, energy management, integrated renewables and holistic sustainability with a passion for driving better business performance. His core objective is to support Australian business become more profitable while improving sustainability credentials and market share. Carl's current focus is on sustainable food production, integrated renewables and supporting software platforms.



### **Gareth Forde**

**All Energy**

Gareth Forde helps businesses to use innovative technology to develop industrial processes that are financially and technically viable whilst simultaneously reducing GHG emissions. Gareth has been a Principal Engineer at All Energy since 2014 and is a Registered Professional Engineer in the areas of Chemical and Environmental Engineering. Most recently, Gareth has progressed industrial ecology projects including biomass to energy, water recycling, energy efficiency and hydrogen manufacturing via solids gasification and electrolysis. Gareth has been a Registered Greenhouse and Energy Auditor since 2010, holds a BE(Chem) from the University of Queensland, a PhD(Engineering) from Cambridge University (UK) and is a Fellow of the Institute of Chemical Engineers.



**Dr Hadi Ghaderi**  
Swinburne University

Dr Hadi Ghaderi is a Senior Lecturer in Logistics and Supply Chain Management at School of Business, Law and Entrepreneurship, Swinburne University of Technology, Australia. He has led several industry-engaged research projects in the area of supply chain digitalisation and transformation. His research interest is focused around digital supply chain, traceability, optimisation, physical internet and data analytics. Hadi is the Program Leader for Supply Chain Analytics at Swinburne Data Science Research Institute, where the focus of the programme is on building supply chain capability by sensing various data sources and providing advanced analytics for smarter decision making.



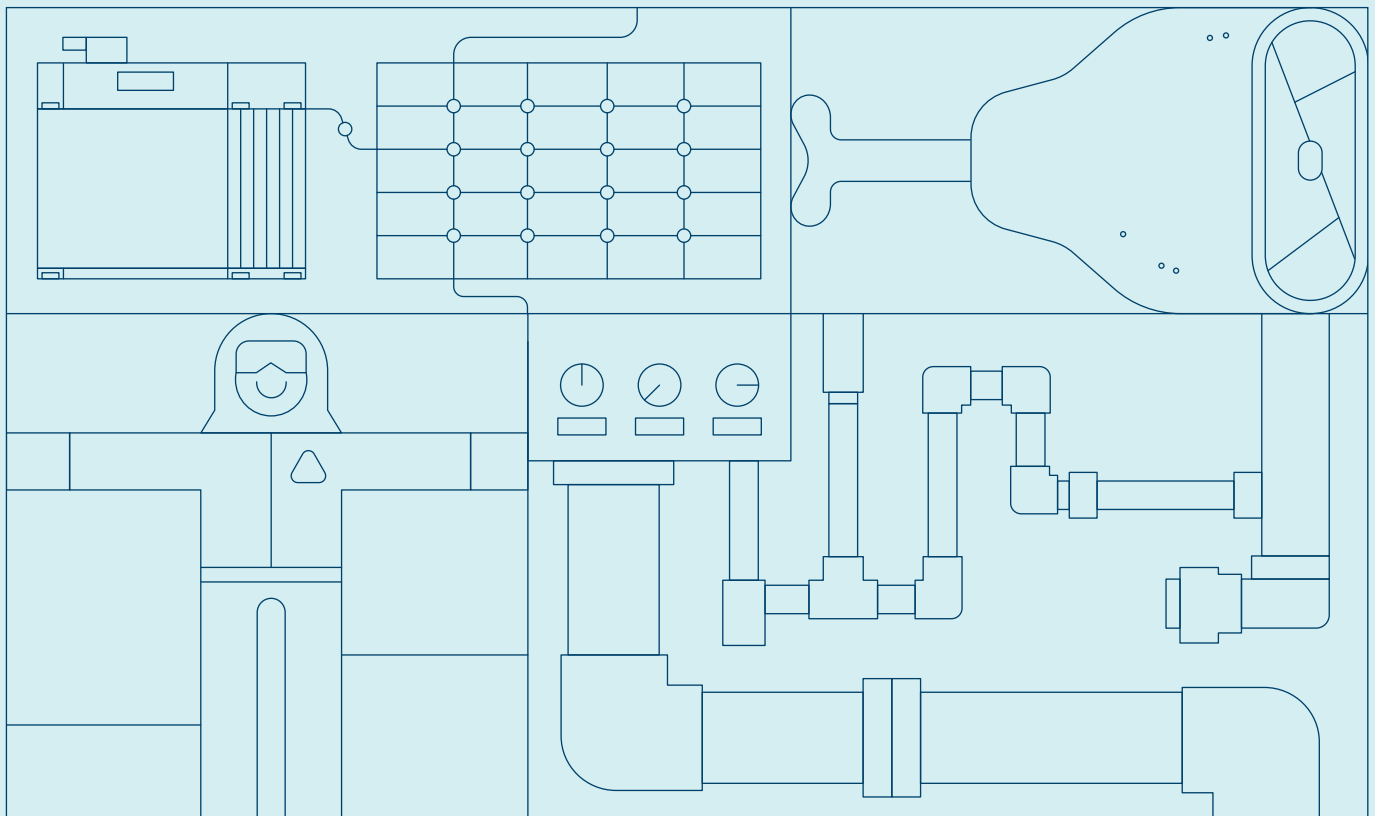
**Stefan Hajkowicz**  
CSIRO

Stefan Hajkowicz is a principal scientist in strategy and foresight at CSIRO, Australia. In his job he helps people explore the future and make wise choices. Stefan also works with governments in regions and cities to help them identify and develop emerging technology-sector industry clusters. Stefan leads the Data61 Insights research group and during his 22-year CSIRO career he has delivered hundreds of research and consulting projects to industry and government clients. He has been appointed to professional foresight groups at the OECD and World Economic Forum. Stefan has a doctorate in geography from the University of Queensland and postgraduate qualifications in economics. His book “Global Megatrends” is a CSIRO Publishing best-seller, and he has over 4,500 citations (h-index of 33) on Google Scholar in the fields of foresight, strategy, geography and economics.



**Matthew Hunter**  
Konica Minolta

Matthew Hunter is Konica Minolta's National Manager of Emerging Technology with over 20 years of experience in bringing new hardware and software technologies to market. Matthew helps companies identify avenues for a process improvement through emerging tech. He helps clients solve problems by combining creative manufacturing solutions with practical business models.





**Mick Johnston**  
JBS Australia

Mick Johnston has spent his entire working life within the red meat industry, 37 years to date. He has worked through various roles of the production process, expanding into production focused Supervisory and Food Safety roles. Since 2007 Mick has managed and led the JBS Australia Food Safety programs and efforts, working closely with the greater JBS FSQA Teams to standardised and improve performance. His current responsibilities include management of the JBS systems delivering on its commitment to Food Safety, Product Quality, Market Access and Animal welfare compliance. Mick continues to represent JBS Australia in various industry and Australian Government committees, sub committees and working groups covering industry performance, regulatory requirements, market access challenges, disruptions and emerging issues/expectations and continuous improvement opportunities.



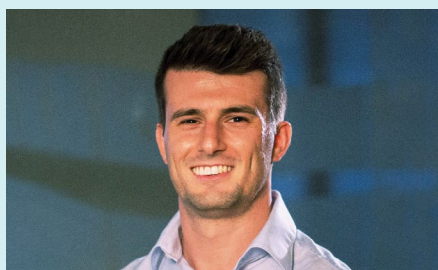
**Dr John Langbridge**  
Teys Australia

Dr John Langbridge is a veterinarian who worked for the Australian Department of Agriculture for 27 years, then worked as Veterinary Counsel for the Australian Meat Industry Council for 4 years before his current role as General Manager Corporate and Industry Affairs at Teys Australia.



**Michael McQueen**  
Keynote speaker

Michael McQueen is a multi-award winning speaker, trend forecaster and bestselling author of nine books. With clients including KPMG, Pepsi and Cisco, he has helped some of the world's most successful brands navigate disruption and maintain momentum. Michael is a regular commentator on TV and radio and his work has featured in publications ranging from the UK Daily Mail to Medium.com and the Huffington Post. Michael has spoken to over 500,000 people across 5 continents since 2004 and has been previously named Australia's Keynote Speaker of the Year. Michael has been inducted into the Professional Speakers Hall of Fame.



**Daniel Raftopoulos**  
Ndevr Environmental

Daniel has over eight years of experience in climate change and energy policy. Having previously managed retail electricity policy for the Commonwealth Government, implementing significant legislative reform across the National Electricity Market, Daniel now specialises in carbon measurement and accounting. He has extensive knowledge of the Climate Active Carbon Neutral Standard and during his time as an administrator of the Climate Active program, he played a key role in redeveloping the new standard for carbon neutral products and services. He is a subject matter expert in assisting businesses and organisations (from SEMs to large multinationals) through the process of attaining carbon neutral certification.



**Chris Riddell**  
Keynote speaker

Chris Riddell is an award winning and industry recognised human futurist, forensic optimist and energising catalyst. As one of the most in demand global futurists, and voted in the top 5 most inspirational keynote speakers, Chris is a recognised trend spotter, frequent media commentator, and digital expert with unparalleled insights into emerging trends and human behaviour.



**Gabi Ryan**  
Fletcher International Exports

Gabi started her career in the red meat industry with Fletcher International Exports processing sheep and lamb across two plants. Over the past 5 years, Gabi's roles have exposed her to the company's entire lamb and mutton supply chain including on-farm, processing, quality assurance, sustainability, logistics, sales and her current role in innovation and project coordination. Gabi has been passionate about the industry from a young age; she is still actively involved in her family's mixed farming property in central west NSW.





**Matthew Smith**  
3C Software

Matthew Smith is a profitability and costing expert from the United States who has worked extensively with the meat processing industry solving costing challenges and helping processors prioritise profit. His protein clients include Tyson (one of the world's largest poultry, beef and pork processors), John Morrell, Ingham's, Butterball, Keystone Foods, and Montaire. As well as F&B clients Coca-Cola, Kellogg's, Robert Timms, Simplot, MillerCoors and Hostess. Matthew is consistently recognised for his expertise in developing and implementing enterprise cost and profitability systems. He has been an invited speaker at many industry-specific conferences and trade shows and an industry expert in several trade and technical publications.



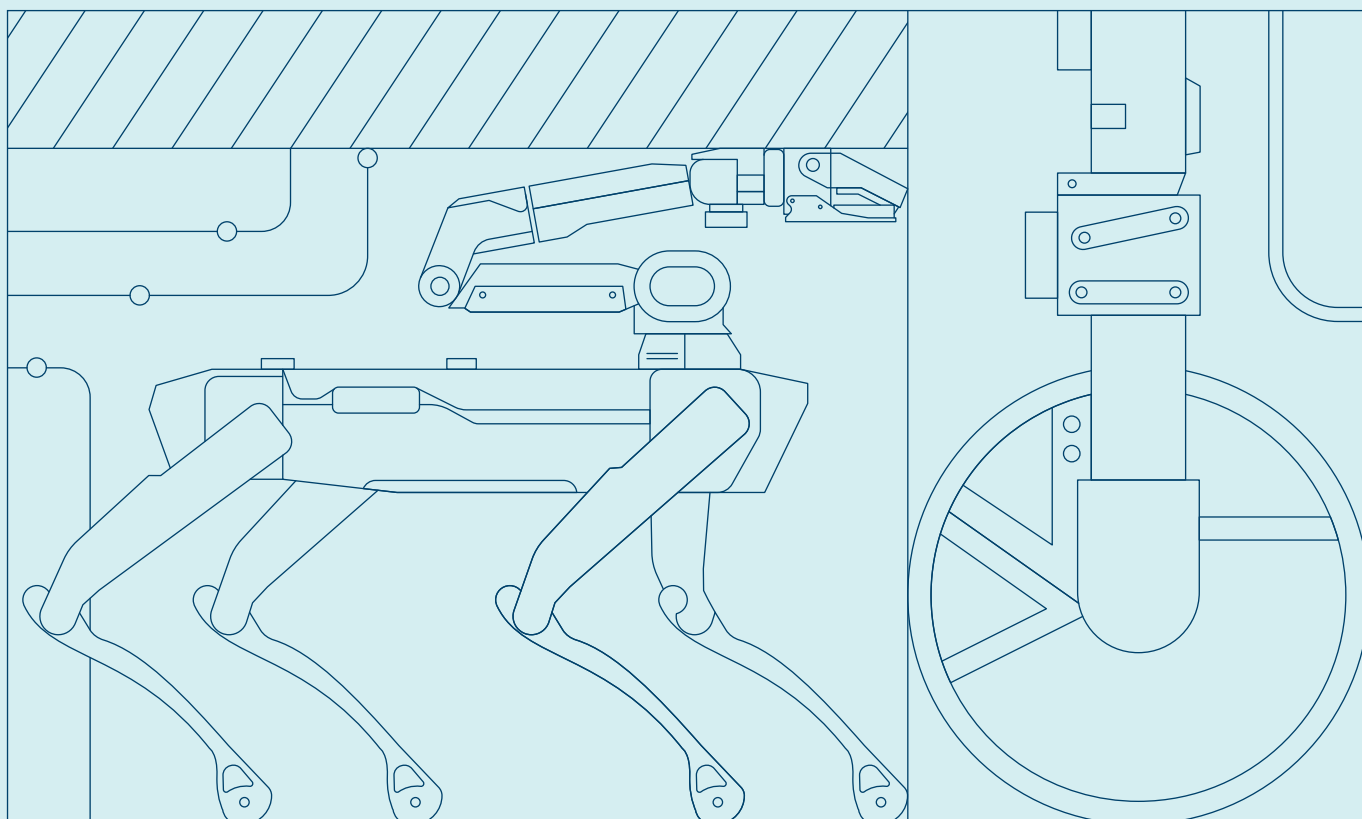
**Dr Stuart Smith**  
Bondi Labs

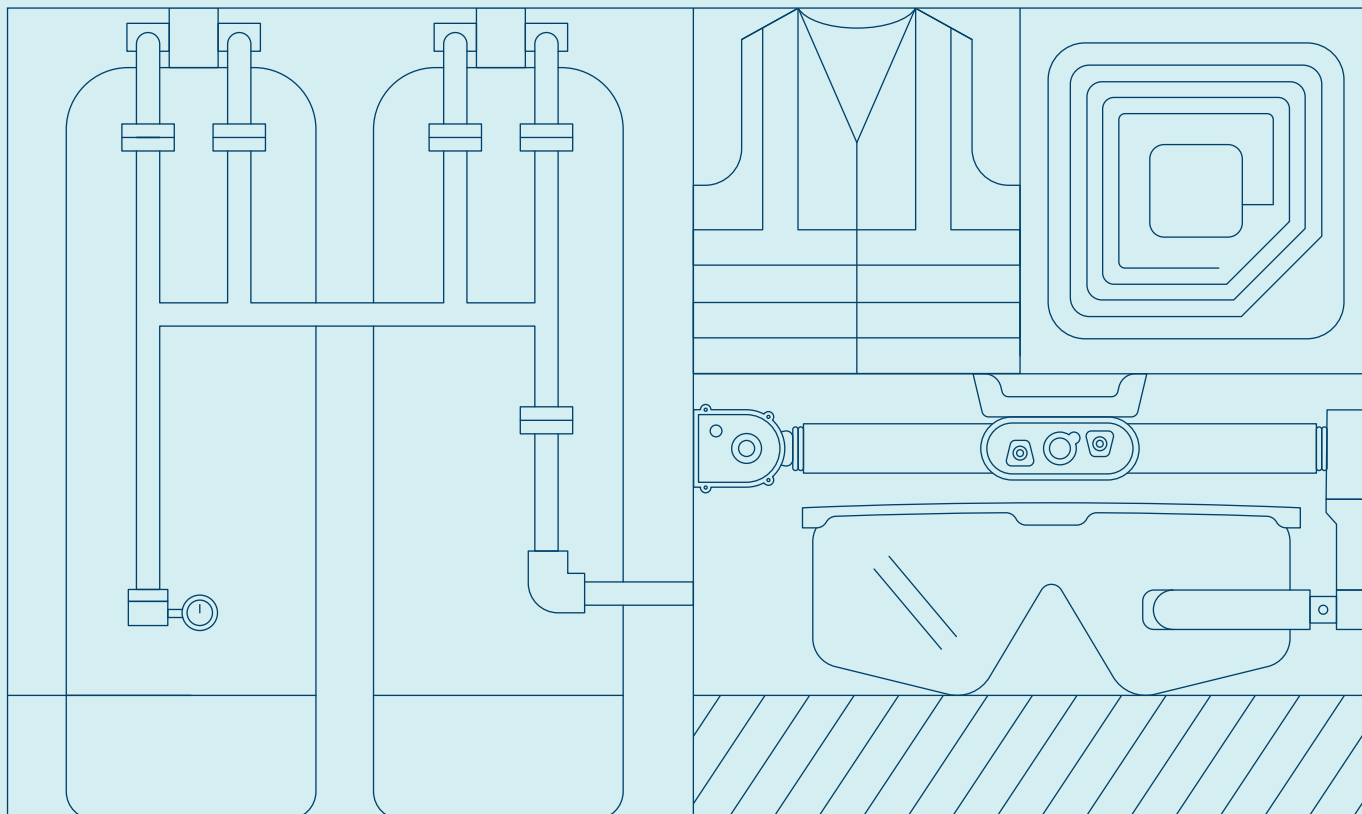
Dr Stuart Smith is the Research and Engagement Manager at Bondi Labs. Together with colleagues in academia and industry, He has engaged in numerous projects exploring development and evaluation of scalable and sustainable technologies to disrupt service delivery. At Bondi Labs, Dr Smith is responsible for developing relationships with organisations across the red meat processing supply chain, identification of challenges faced by the industry, seeking funding to support research activities to address these challenges and delivering on funded research projects.



**Dr Fabiana Tessele**  
Tessele Consultants

Dr Fabiana Tessele, the Director of Tessele Consultants, won the Water Professional of the Year Award at the WA Water Awards last year. She was noted for her ability to find value in everything. She has developed a rich global career in water and resource recovery. She bases her water consultancy on circular economy principles. Based in Perth, Fabiana owns Tessele Consultants and specialises in integrated water & energy systems, resource recovery and Circular Economy Advisory, including cross-industry integration. Fabiana has recently served as a board director of the Australian Water Association and is part of the International Water Association's management committee of the specialist group on anaerobic digestion.





### Chris Tinning

**Department of Agriculture,  
Fisheries and Forestry**

Chris heads a division responsible for maximising the impact and influence of international work across the Department of Agriculture, Water and the Environment. The Division's trade and market access work helps Australian primary producers to maintain and expand exports through bilateral, regional, and multilateral engagement. The division includes 22 overseas agriculture counsellors mandated to strengthen relationships with key trading partners. Previously, Chris spent over 20 years working for DFAT and the former Australian Agency for International Development. He has had postings to Jakarta and Washington and was seconded to the World Bank as adviser to Australia's Executive Director. Chris has a degree in economics from the Australian National University.



### Barbara Webster

**Mimeo Industrial**

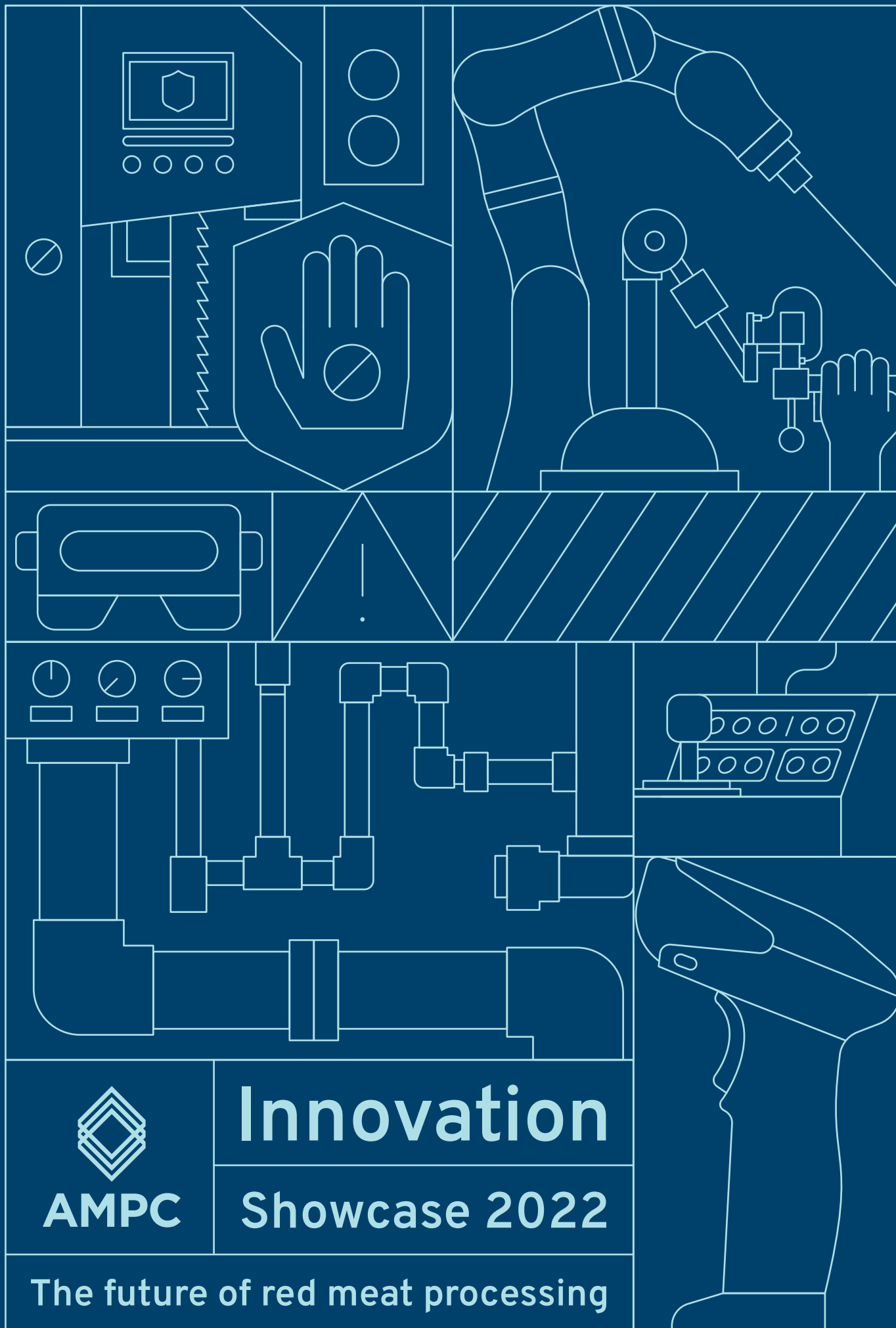
Barbara's career has tracked the technology commercialisation, from development at the bench to new product market entry – always with a focus on the applied, starting with corrosion prevention. Barbara has built experience in management at all levels, from project management to large contract management and business management – seeking commercialisation outcomes for government, in science (ex DSIR & FRST) and market-entry (NZTE). Barbara spent seven years as an Executive at Scott Technology managing R&D and strategy. Barbara has set up two start-ups focused on new products for the meat processing industry; inMR Measure, developing novel automated fat measurement sensors and systems and Mimeo Industrial, developing shadow robot solutions.



### Dr Stephen Wiedemann

**Integrity Ag**

Dr Stephen Wiedemann is an agricultural systems scientist with a focus on livestock production and agricultural supply chain sustainability, carbon, water, energy and nutrient management, and environmental regulation. Stephen has a strong track record in providing environmental research and consultation services to the livestock industries including beef, pork, sheep, poultry and dairy industries. For several years, Stephen has held technical advisory roles with the UN Food and Agriculture Organisation (FAO), and regularly presents at scientific forums in Australia and overseas. Stephen's work at Integrity Ag & Environment is at the cutting edge of defining and quantifying sustainability in Australia and around the world.



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# Innovation

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