



AgFutures

Innovation & Investment Conference

22–23 November 2016

Showcasing agri-technology and investment in agriculture

Tuesday, 22 November 2016

Agri-Technologies – Challenges, Opportunities, Innovations and Applications

Brisbane Convention & Exhibition Centre – Boulevard Auditorium

8.15 am Conference Registrations open

8.45 am Welcome

Master of Ceremonies Introduction – Dr Paul Willis, Director – RiAus

The Hon Anastacia Palaszczuk MP, Premier of Queensland

Major Sponsor Address – Professor Arun Sharma, Deputy Vice Chancellor (Research and Commercialisation) – QUT

Session Overview: The Big Picture

The global population will surpass 9 billion by 2050. This first session delves into what this means for international industry developments, and more specifically, Australian agriculture.

9.20–9.40 am **Feeding the 9 Billion: The Role of Agri-Tech and International Developments**

Rob Cairns, Head Corporate Affairs Australasia – Syngenta

9.40–10.00 am **Digital Disruption: Reshaping the Way Agriculture Does Business**

Ros Harvey, Founder and Managing Director – The Yield

10.00–10.20 am **Keeping it Real: A View from the Farm Gate**

John Alexander, Jandowae Farmer and SEQ Grains Director – AgForce

10.20–10.35 am **Panel Discussion**

10.35–11.00 am Morning tea

Session Overview: Agri-Technologies Showcase (Part One)

This session will exhibit the latest innovations across digital and data platforms, including robotics, automation, spatial and satellites, weather and climate applications. Presenters will discuss emerging trends and focuses in their respective fields, both nationally and internationally.

11.00–11.20 am **Digital & Data Platforms**

Dr David Henry, Principal Research Scientist – CSIRO

11.20–11.40 am **Robotics & Automation**

Professor Tristan Perez, Robotics and Autonomous Systems – QUT

11.40–12.00 pm **Spatial & Satellite**

Professor David Lamb, Precision Agriculture Research Group – University of New England (UNE)

12.00–12.20 pm **Weather & Climate Applications**

Professor Roger Stone, Director, International Centre for Applied Climate Sciences – University of Southern Queensland (USQ)

12.20–12.30 pm **Question and Answer**

12.30–1.30 pm Lunch

Session Overview: Agri-Technologies Showcase (Part Two)

The agri-technologies showcase continues with a focus on irrigation, nano and gene technologies, as well as agri-tech and the livestock industry. Presenters will discuss emerging trends and focuses in their respective fields, both nationally and internationally.

- 1.30–1.50 pm Nano Technologies & Materials**
Associate Professor Neena Mitter, Principal Research Fellow – Queensland Alliance for Agriculture and Food Innovation
- 1.50–2.10 pm New Gene Technologies**
Professor Robert Henry, Director – Queensland Alliance for Agriculture and Food Innovation
- 2.10–2.30 pm Water & Irrigation**
Professor Steven Raine, Institute for Agriculture and the Environment – USQ
- 2.30–2.50 pm Agri-Tech & the Livestock Industries**
Dr Wayne Jorgensen, Director, Applied Biotechnology and Intensive Livestock – Department of Agriculture and Fisheries, Queensland Government
- 2.50–3.00 pm Question and Answer**
- 3.00–3.30 pm Afternoon tea**
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Session Overview:

The final session for Day One will include a presentation from Telstra Corporation's Chief Scientist, Dr Hugh Bradlow entitled: *The Future of Agriculture*. A powerful cocktail of new technologies is creating unprecedented opportunities to automate agriculture and thereby reduce resource usage and improve yields. The Internet of Things, Big Data and Artificial Intelligence will be table stakes for successful farms of the future. This presentation will consider the nature of these technologies and their areas of impact in agriculture.

The final session will explore opportunities associated with bio-commodities and bio-technologies, market applications and their potential impact on the industry.

- 3.30–3.50 pm Telstra Corporation: Future Vision for Agri-Tech**
Dr Hugh Bradlow, Chief Scientist – Telstra Corporation
- Bio-Commodities & Bio-Tech feature:**
- 3.50–4.10 pm** Dr Murray McLaughlin, Advisor – Bioindustrial Innovation Canada
4.10–4.30 pm Geoff Bell, Chief Executive Officer – Microbiogen
4.30–4.50 pm Professor Ian O'Hara, Principal Research Scientist – QUT
- 4.50–5.00 pm Question and Answer**
- 5:00 pm Day One close**

Tuesday, 22 November 2016

AgFutures Conference Dinner

Brisbane Convention & Exhibition Centre – Boulevard Room

- 6.30 pm AgFutures Conference Dinner commences**
- 6.40 pm Welcome**
Master of Ceremonies Introduction Craig Zonca, Qld Country Hour Presenter – ABC Radio
- 7.00 pm Entrée**
- 7.30 pm Mick Keogh, Executive Director – Australian Farm Institute**
- 7.50 pm Main course**
- 8.20 pm Presentation of Minister's Emerging Leaders Award and Peter Kenny Medal**
The Hon Bill Byrne MP, Minister for Agriculture and Fisheries and Minister for Rural Economic Development
- 8.40 pm Dessert**
- 10.00 pm Dinner close**

Wednesday, 23 November 2016

Investing in Agriculture and Agri-Tech Showcase

Brisbane Convention & Exhibition Centre – Boulevard Auditorium

8.30 am Registrations open for single-day registrants
(Full conference registrants do not need to re-register)

9.00 am Welcome
Master of Ceremonies Introduction – Stephanie Paul, Managing Director – The Phillips Group
The Hon Bill Byrne MP, Minister for Agriculture and Fisheries and Minister for Rural Economic Development

Session Overview: Global Development and Local Opportunities

Leading business experts will share their views on global investment trends and opportunities for Australian agriculture. The focus will be on investment at the farm gate, as well as agri-tech and research.

9.10–9.30 am Global Investments in Agribusiness and Local Opportunities
Ian Proudfoot, Global Head of Agribusiness – KPMG

9.30–9.50 am Queensland Investment Corporation: \$400 Million Investment in the North Australian Pastoral Company and Outlook for the Sector
Phillip Cummins, Principal, Global Private Equity – Queensland Investment Corporation

9.50–10.00 am Question and Answer

10.00–10.30 am Morning tea

Session Overview: Agri-Tech Investment Showcase

Dr Jaleh Daie, Managing Partner in US-based Aurora Equity will discuss global trends in agri-tech investment across a broad range of technologies and consumer products. Additional presenters will also discuss issues associated with accelerating agri-tech companies.

10.30–11.00 am Global Perspective: Attracting Investment in Agri-Tech
Dr Jaleh Daie, Managing Partner – Aurora Equity (USA)

11.00–11.20 am Accelerating Agri-Tech
Dr Ben Lyons, Chief Executive Officer – Food Leaders Australia & Toowoomba and Surat Basin Enterprise Group

11.20–11.40 am Successful Start-Ups
Alex Gruszka, Head of Data and Insights – StartupAus

11.40–12.00 pm Panel Discussion

12.00–1.00 pm Lunch

Session Overview: Agri-Tech Investment Showcase

The final session will cover two key topics. Firstly, industry experts will discuss and debate a range of alternative investment models at the farm gate, agri-technology and research. Discussion will also include opportunities for SME to large institutional organisations.

A final panel 'Northern Exposure' will discuss opportunities in agriculture and aquaculture in North Queensland, investment and the role of agri-tech.

1.00–1.10 pm Department of Agriculture and Fisheries (DAF) - Technology Commercialisation Fund
Malcolm Letts, Deputy Director General, Agriculture – Department of Agriculture and Fisheries, Queensland Government

1.10–2.00 pm Panel: Alternative Investment and Capital Models for the Farm Sector, Agribusiness and Agri-Tech
Alexandra Gartmann, Chief Executive Officer and Managing Director – Rural Bank (Panel Chair)
Kim Morison – Blue Sky Water Partners
Sam Trethewey, General Manager – Sprout X
Tim McGavin, Chief Executive Officer and Investment Director – Laguna Bay

Northern Exposure – Ag opportunities in North Queensland, Investment and the Role of Agri-Tech
Peter Stone, Research Program Director – CSIRO

2.00–2.15 pm Matt West, General Manager – Australian Prawn Farms and President Australian Prawn Farmers Association

2.15–2.30 pm Tom Howard, General Manager Grower Services and Agronomic Development – SunRice

2.30–2.45 pm Professor Sagadevan Mundree, Director of the Centre for Tropical Crops and Biocommodities – QUT

2.45–3.00 pm Question and Answer

3.00–3.15 pm Question and Answer

3.15 pm

Conference close

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