

The Crawford Fund Annual Conference
TRANSFORMING LIVES AND LIVELIHOODS: The Digital Revolution in Agriculture

Tuesday, 08 August 2017
 Theatrette and Mural Hall, Parliament House
 9.00am - 5.00pm

8.30am	REGISTRATION
9.00am	OPENING SESSION
	Welcome: The Hon John Anderson AO, Chair, The Crawford Fund
	Ministerial Opening: The Hon Barnaby Joyce MP, Deputy Prime Minister
9.30am	SESSION 1: MORNING KEYNOTE HOW CAN BIG DATA TRANSFORM SMALL-HOLDER FARMERS' LIVES AND LIVELIHOODS? Dr André Laperrière, Executive Director, Global Open Data for Agriculture and Nutrition
	Chair: The Hon John Anderson AO, Chair, The Crawford Fund
9.50am	SESSION 2: USES AND CHALLENGES OF BIG DATA FOR AGRICULTURAL DEVELOPMENT
	Chair: Dr Kim Ritman, Australian Chief Plant Protection Officer and Chief Agricultural Scientist
	Overview: Steve Mathews, Head of Strategy, Gro-Intelligence
	Case Study 1: Global data, farm size and food and nutrition security Dr Mario Herrero, Chief Research Scientist, CSIRO's Agriculture Flagship
	Case Study 2: Big data for genebank mining Dr Ken Street, Former Genebank Curator, International Center for Agricultural Research in the Dry Areas and Project Leader, Focused Identification of Germplasm Strategy
10.30am	MODERATED Q&A: SESSION 2 SPEAKERS
11.00am	MORNING TEA - MURAL HALL
11.45am	SESSION 3: ICT ADDING VALUE FOR SMALLHOLDERS
	Chair: Dr Joanne Daly, member of The Crawford Fund's ACT Committee and CSIRO Honorary Fellow
	Overview: Dr David Bergvinson, Director General, International Crops Research Institute for the Semi-Arid Tropics
	Case Study 1: Do MAD researchers add value for smallholders? Stuart Higgins, Director, Agricultural Impact International
	Case Study 2: Index based livestock insurance for managing asset risk Dr Andrew Mude, Principal Economist, International Livestock Research Institute (by livestream)
12.30pm	MODERATED Q&A: SESSION 3 SPEAKERS
1.00pm	LUNCH - MURAL HALL
2.00pm	SESSION 4: TRANSFORMATIONAL CHANGE BASED ON INNOVATION PLATFORMS
	Chair: Jane Haycock, Director, innovationXchange, Department of Foreign Affairs and Trade
	Overview: Dr Mike Briers AO, Chief Executive, Food Agility Cooperative Research Centre and Co-Founder, the Internet of Things Alliance Australia
	Case Study 1: Digital farmhand - data analytics and robotics for food and nutrition security Prof Salah Sukkarieh, Professor of Robotics and Intelligent Systems, University of Sydney
	Case Study 2: Farm level data for decision making, evaluation, traceability and quality assurance Dr Pham Thi Sen, Researcher, Northern Mountainous Agriculture and Forestry Science Institute, Vietnam
2.55pm	MODERATED Q&A: SESSION 4 SPEAKERS
3.25pm	AFTERNOON TEA - THEATRETTE FOYER
4.10pm	SESSION 5: AFTERNOON KEYNOTE HOW TO DIGITALISE AGRICULTURAL SYSTEMS IN THE DEVELOPING WORLD Dr Andy Jarvis, Leading the CGIAR Big Data Platform, International Centre for Tropical Agriculture (CIAT)
	Chair: Prof Andrew Campbell, CEO, Australian Centre for International Agricultural Research
4.30pm	MODERATED Q&A: BOTH KEYNOTE SPEAKERS AND SIR JOHN CRAWFORD PRESENTER
5.00pm	CLOSING
	Dr Colin Chartres, Chief Executive, The Crawford Fund

