




Preliminary Program

*Draft program as at 02 June 2017, subject to change
Symposium speakers will be included in the next program draft*








Monday 20 November 2017

08:15 – 08:30	Conference opening Prof Robert Henry, Professor of Innovation in Agriculture, Director of the Queensland Alliance for Agriculture and Food Innovation (QAAFI), Chair, TropAg2017 International Advisory Committee				
08:30 – 09:15	Keynote presentation				
	Can we close the tropical land frontier by 2020?: Globalization versus intensification? Derek Byerlee, School of Foreign Service, Georgetown University, USA				
09:15 – 10:00	Keynote presentation				
	Biodiversity and Food and Nutrition Security: Drivers of Food choices for Dietary Diversification for improved health and nutrition for vulnerable populations Prof Judith Kimiywe PhD CNS, Nutritionist, Researcher and consultant, Department of Food, Nutrition and Dietetics, Kenyatta University, Kenya				
10:00 – 10:30	Morning tea				
10:30 – 12:30	Concurrent symposium session 1				
	1.1 Photosynthesis in the field: Phenomics, genomics, and modelling Prof Graeme Hammer, Queensland Alliance for Agriculture and Food Innovation (QAAFI); ARC Centre of Excellence for Translational Photosynthesis Supported by 	1.2 Ensuring the health and growth of horticulture Prof Andre Drenth, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	1.3 Harnessing advances in livestock science to deliver sustainable development goals Dr Shirley Tarawali, International Livestock Research Institute	1.4 Indigenous foods for diet diversification A/Prof Yasmina Sultanbawa, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	1.5 Systems approaches for sustainable intensification: Lessons learned and opportunities P. V. Vara Prasad, Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL)
12:30 – 13:30	Lunch and poster session				
13:30 – 15:30	Concurrent symposium session 2				
	2.1 Genes, phenes and flying machines Prof David Jordan, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	2.2 Market-driven approaches to plant breeding in tropical horticultural crops Dr Vivienne Anthony, Syngenta Foundation for Sustainable Agriculture	2.3 Diagnostic platforms - from dreams to reality Prof Ala Tabor, Queensland Alliance for Agriculture and Food Innovation (QAAFI) Supported by 	2.4 Food safety, authenticity and adulteration in global food supply chains A/Prof Yasmina Sultanbawa, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	2.5 Opportunities and constraints in intensifying agriculture in tropical Australia Dr Andrew Ash, CSIRO





Monday program continued overleaf

15:30 – 16:00	Afternoon tea				
16:00 – 18:00	Concurrent symposium session 3				
	3.1 Drought Risk Management - connecting science and policy Prof Roger Stone, International Centre for Applied Sciences	3.2 Remote sensing in agriculture and horticulture Dr Andries Potgieter, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	3.3 Designing animal genomes for the tropics Prof Ben Hayes, Queensland Alliance for Agriculture and Food Innovation (QAAFI) Supported by 	3.4 Food: The key to health and wellbeing Dr Chris Siow, Agriculture and Agri-Food Canada	3.5 Managing climate risk and trades offs in agriculture A/Prof Daniel Rodriguez, Queensland Alliance for Agriculture and Food Innovation (QAAFI)
18:00 – 20:00	Reception and poster presentation evening				




Tuesday 21 November 2017

06:45 – 08:30	Rural Press Club Breakfast				
08:30 – 09:15	Keynote presentation				
	CRISPR-Cas Represents Abundant Potential for Agriculture Jerry Flint , Vice President, Industry Affairs and Regulatory (IA&R), DuPont Pioneer, USA				
09:15 – 10:00	Keynote presentation				
	The contributions of animal-source food to sustainable, safe, ethical and optimal human diets Robyn Alders , Principal Research Fellow, Faculty of Veterinary Science, The University of Sydney, Australia				
10:00 – 10:30	Morning tea				
10:30 – 12:30	Concurrent session symposium 4				
	4.1 Accelerated data gathering for modern agriculture Michael Thomson, CQUniversity Supported by  	4.2 The future of genomic selection in crops, horticulture and livestock Prof Ben Hayes, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	4.3 Biofortification of horticultural crops for human health Dr Tim O'Hare, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	4.4 Antimicrobial resistance and food animal production systems – global, regional and national perspectives Prof Pat Blackall, Queensland Alliance for Agriculture and Food Innovation (QAAFI) Supported by 	4.5 Smallholder participation in global value chains: Implications for inclusive and sustainable agricultural development Prof Rob Cramb, The University of Queensland
12:30 – 13:30	Lunch and poster session				
13:30 – 15:30	Concurrent session symposium 5				
	5.1 Next Gen Scientist: What's your move? DuPont Pioneer student-led plant sciences symposium Part I Technical Challenges Supported by  	5.2 Biorefineries - value adding to agriculture by producing fuels, chemicals and feeds from agricultural crops and residues Prof Ian O'Hara, Queensland Government Department of State Development Supported by  	5.3 Tropical pulses rising to meet future demands Dr Rex Williams, Queensland Department of Agriculture and Fisheries (DAF)	5.4 Profitable tropical and subtropical orchards A/Prof Jim Hanan, Queensland Alliance for Agriculture and Food Innovation (QAAFI)	5.5 Growing tropical aquaculture Prof Dean Jerry, James Cook University
15:30 – 16:00	Afternoon tea				

Tuesday program continued overleaf

16:00 – 18:00		Concurrent session symposium 6			
	<p>6.1 Next Gen Scientist: What's your move? DuPont Pioneer student-led plant sciences symposium Part II Career Challenges</p> <p>Supported by</p>  	<p>6.2 Emerging trends and opportunities for engineering technologies in tropical agriculture Prof Craig Baillie, University of Southern Queensland</p> <p>Supported by</p>  <p>Queensland Government</p>  <p>AgFutures Showcasing agri-technology and investment in agriculture.</p>	<p>6.3 Climate change-ready rice Antonio Costa de Oliveira, Federal University of Pelotas, Plant Genomics and Breeding Center, Brazil</p>	<p>6.4 Enhancing the efficiency of rumen fermentation in tropical systems Dr Luis Felipe Prada e Silva, Queensland Alliance for Agriculture and Food Innovation (QAAFI)</p>	<p>6.5 Regulatory oversight of plants and animals developed through new breeding innovations Mr Osman Mewett, CropLife Australia</p>
18:00 – 19:00	TropAg2017 Research Partners, UNTA VC's & Keynote Speakers VIP reception				
19:00 – 23:00	TropAg2017 conference dinner				

Wednesday 22 November 2017

08:30 – 09:15	Keynote presentation				
	The Mediterranean Diet: A healthy and traditional dietary pattern embedded in a sustainable food system Lluís Serra-Majem , Professor of Preventive Medicine & Public Health and Director of the Research Institute of Biomedical and Health Sciences, University of Las Palmas de Gran Canaria, Canary Islands				
09:15 – 10:00	Keynote presentation				
	Speaker to be confirmed				
10:00 – 10:30	Morning tea				
10:30 – 12:30	Concurrent symposium session 7				
	7.1 AgFutures: Can nanotechnology set the scene? Prof Neena Mitter, Queensland Alliance for Agriculture and Food Innovation (QAAFI) Supported by  	7.2 Sugarcane – constraints on production Dr Frikkie Botha, Sugar Research Australia	7.3 The role of animal welfare in tropical animal production Prof Tim Mahony, The University of Queensland Supported by 	7.4 Rice: Diverse and delicious Prof Melissa Fitzgerald, The University of Queensland	7.5 Unlocking the potential of tropical crop diversity for future food security Dr Ruth Bastow, Global Plant Council
12:30 – 13:30	Lunch and poster session				
13:30 – 14:15	Keynote presentation				
	Approaches to tackling global crop production challenges Martin Kropff , Director General, International Maize and Wheat Improvement Center (CIMMYT), México				
14:15 – 15:15	Closing panel Chair: Martin Kropff Panellists: Iain Gordon, Derek Byerlee, Robyn Alders, Judith Kimiywe				
15:15 – 15:30	Closing Comments				

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