

9.00–9.10am	Professor Brent Kaiser – Director, Sydney Institute of Agriculture <b>Welcome and Introduction</b>
Sustainable food systems	
9.10am to 10.40am	Professor David Raubenheimer Professor of Nutritional Ecology, University of Sydney <b>Appetites for change: rebalancing the Australian food system</b>
	Professor Anne Marie Thow Professor, Public Policy and Health, University of Sydney <b>Research to strengthen policy for sustainable food systems</b>
	Professor Johannes le Coutre Professor of Food and Health, University of NSW <b>Sustainable food systems and the SDGs</b>
	Professor Owen Atkin Professor and Director of the Centre for Entrepreneurial Agri-Technology, Australian National University <b>Improving leaf energy use efficiency to improve wheat yields in a hotter climate</b>
	<b>Panel Discussion</b> Hosted by Professor Brent Kaiser
Morning Tea	
Agri-food sustainability (plant and animal systems) Chaired by Associate Professor Sonia Liu, Poultry Nutritionist and SIA Theme Leader, Animal Agriculture	
11.15am to 1.15pm	Professor Joy Becker Professor in Aquatic Animal Health and Production, University of Sydney, <b>Sustainable aquatic food systems</b>
	Professor Yani Garcia Professor of Dairy Science and Director, Dairy Research Foundation, University of Sydney <b>Unlocking potential of the dairy industry: Dairy UP-dates</b>
	Dr Sabrina Lomax Senior Lecturer in Livestock Behaviour and Welfare, University of Sydney <b>Optimising the forage base for sustainable beef production</b>
	Dr William Salter Lecturer in Crop Physiology, University of Sydney <b>Scaling up: using new phenomic and AI analytic tools to address the big challenges facing agriculture</b>
	Dr Maxim Prokchorchik Charles Gilbert Heydon Research Fellow, University of Sydney <b>Understanding and managing clubroot, a potentially devastating disease for Australian canola production</b>
	Associate Professor Imke Tammen Associate Professor Animal Biotechnology, University of Sydney <b>Tools to improve management of inherited diseases in livestock – OMIA and AHIDA</b>

	Dr Laura Ziems Postdoctoral Research Associate, University of Sydney <b>Genetic Mapping Strategies for Enhancing Cereal Rust Resistance</b>
	Dr Wendy Muir Senior Lecturer in Animal Science, University of Sydney <b>The changing landscape of fresh egg production</b>
	JoJo Wang PhD Candidate, University of Sydney <b>In &amp; Out: sustainability of broiler chicken meat</b>
Lunch	
Agri-food sustainability (land systems)	
2.10pm to 3.35pm	Professor Willem Vervoort Professor in Hydrology and Catchment Management and Director, ARC Training Centre in Data Analytics for Resources and Environments, University of Sydney <b>Landscape rehydration for resilient pasture systems</b>
	Dr Pip Brock Science Standards Officer, NSW Department of Primary Industries <b>What insights can Life Cycle Assessment provide to advance sustainable food systems?</b>
	Dr Patrick Filippi Lecturer in Precision Crop Management, University of Sydney <b>Precision Agriculture's role in sustainable food systems</b>
	Dr Tom O'Donoghue Postdoctoral Research Associate, University of Sydney <b>Soil security and digital regenerative agriculture to secure agricultural production systems into the future</b>
	Marliana Widyastuti PhD Candidate, University of Sydney <b>Advancing soil moisture monitoring system in Tasmania</b>
	Dr Quentin Styc Postdoctoral Research Associate, University of Sydney <b>Towards sustainable land use through innovative soil mapping</b>
Agri-food sustainability (food) Chaired by Professor Daniel Tan, SIA Theme Leader, Development Agriculture	
3.35pm to 4.30pm	Associate Professor Tom Roberts Associate Professor in Food Chemistry and Biotechnology, University of Sydney <b>Technological drivers of food sustainability</b>
	Associate Professor John Kavanagh Associate Professor, School of Chemical and Biomolecular Engineering, University of Sydney <b>Polyfluoroalkyl substances (PFAS) treatment options</b>
	Dr Rebecca Thistlethwaite Postdoctoral Research Associate (Wheat Heat Research), University of Sydney <b>Heat stress and harvest heroes: Cultivating tolerance in wheat through innovative genetic breeding for enhanced grain fill</b>
	Dr Farhad Masoomi-Aladizgeh Postdoctoral Research Associate, University of Sydney <b>Heat susceptibility of male reproduction impacts grain yield and quality in crops</b>
Networking drinks	