Sunday 15 October 2017

5.00pm	Registration opens
6.00pm – 7.30pm	Welcoming Reception *Venue: Novotel Tainui Hamilton, 7 Alma Lane, Hamilton*

Monday 16 October 2017

7.30pm	Registration opens *Venue: Heaphy Pre-function, Ground Floor*
8.00am – 10.15am	**Whakatau, Welcome Addresses** *Venue: Heaphy 1 and 2, Ground Floor* *Chair: Armin Werner* PAANZ – Craige Mackenzie SELM – Mark Trotter ISPA – Nicolas Tremblay
8.45am – 9.15am	The Future of The Primary Industries is Innovation **Martyn Dunne**
9.15am – 9.45am	Fostering Business and Software Ecosystems for Large-Scale Uptake of IOT in Food and Farming **Sjaak Wolfert**
9.45am – 10.15am	Future of Farming: Digital Agronomy and Analytics **Raj Khosla**
10.15am – 10.45am	**Morning Tea, Exhibition, Posters and an Opportunity to Network** *Venue: Arena Upper Concourse, First Floor*

CONCURRENT SESSION - 1

10.45am – 12.00pm	**1A - 7ACPA** **The Digital Future in Crop Production has Arrived** *Heaphy 1, Ground Floor, First floor* *Chair: Armin Werner*	**1B - 1ACPLF** **Preparing the Digital Future for Livestock Farming** *Heaphy Room 2, Ground Floor* *Chair: Mark Trotter, Robyn Dynes*	**1C - DF&G 2017** **Farmers and Growers Practising the Digital Future** *Arena Lounge, First Floor*
10.45am – 10.50am	Welcome to 7ACPA and Introduction **Armin Werner**	Welcome to 1ACPLF and Introduction **Mark Trotter**	Welcome to DF&G2017 and Introduction **Craige Mackenzie** SPAA Update **Jessica Koch** Precision Agriculture in Pastures and Livestock Farming ***Chair: Hilton Collier***

Time			
10.50am – 11.00am	Invitation to 8th Asian-Australasian Conference on Precision Agriculture **Manjeet Singh**	The OECD Co-Operative Research Programme 'Biological Resource Management for Sustainable Agriculture Systems' **Rafael Blasco**	Farm Management, Benchmarking and Purchase Through Satellite Remote Sensing - How can this Work in the Land of the Long White Cloud? **Brad Wooldridge**
11.00am – 11.30am	Challenges in Research and Development to Advance Agriculture Panel Discussion **Chair: Ian Yule** **Panelists: Raj Khosla, Karen Lewis**	Exploring the Potential of Precision Dairy Tools **Jeffrey Bewley**	
			Dairy Farming with Precision Pastures and Livestock Farming, example in New Zealand **Hayden Lawrence**
			The Role of Precision Agriculture in Sheep and Beef Hill Country Farming **James Parsons**
11.30am – 12.00pm	Diversity and Advancements of Precision Horticulture in Asia **Maohua Wang**	The Precision Livestock Farming Reality in Asia – Example India **Manjeet Singh**	Panel discussion on success criteria and challenges of Precision Livestock Farming **Including: Jason Archer, Gavin McEwen**
			Precision Agriculture in Elevator Pitches Exhibitors Pitch with One Slide in 60 Seconds their Products or Services
12.00pm – 1.00pm	**Lunch, Exhibition, Posters and an Opportunity to Network** *Venue: Arena Upper Concourse, First Floor*		

1.00pm – 2.50pm	2A - 7ACPA Sensor and Data I	2B - 7ACPA Education and Adoption	2C - 7ACPA Big Data and Data Analytics	2D - 1ACPLF Wellbeing Assessment of Livestock with Precision Agriculture-Technologies	2E - 1ACPLF Large Scale Hyperspectral Sensing of Pastures	2F - DF&G 2017 Precision Agriculture in Permanent Crops
	Heaphy 1, Ground Floor Chair:Abas Jafari, Sakae Subusawa	*Brooklyn 1, First Floor Chair: Paul Johnstone*	*Brooklyn 2, First Floor Chair: Jako Fourie, Daan Goense*	*Heaphy 2, Ground Floor Chair: James Manning, Derek Bailey*	*Brooklyn 3, First Floor Chair: Reddy Pullanagari, David Swain*	*Arena Lounge, First Floor Chair: Stuart Smith*
1.00pm – 1.30pm	New Development in Proximal Soil Sensing **Nicolas Tremblay** *(for V Adamchuck)* (Session Keynote)	Adopting Precision Technologies in Intensive Apple Production in The USA **Karen Lewis** (Session Keynote)	Guidelines for Governance of Data Sharing in Agri-Food Networks **Sjaak Wolfert** (Session Keynote)	Can We Improve the Efficiency of Livestock Production by Using Technology to Facilitate Natural Behaviour? **Mark Rutter** (Session Keynote)	The Vision for Pioneering to Precision **Mike Manning** (Session Keynote)	Welcome and Objectives of this Session **Stuart Smith**
						Precision Technologies in Intense Fruit Production **Colin Brown** *(for C Bowman, CA/USA)*
1.30pm – 1.50pm	Soil Apparent Electrical Conductivity Sensor Data for Estimation of CI-Based Soil Compaction Status **Sun-ok Chung**	Real Industry Technology Learning Systems for Tertiary Teaching **Richard Flavel**	Is Big Data Driving a Paradigm Shift in Precision Agriculture? **Megan Cushnahan**	Applying Proximity Sensors to Monitor Beef Cattle Behaviour as an Indicator of Animal Welfare **Kym Patison**	Modelling Soil Fertility from Pasture Nutrient Concentration, Topography and Farm Fertiliser Management in New Zealand Hill Country **Philippa McVeagh**	Precision Technologies in Kiwifruit Production, Example in New Zealand **Steve Saunders**
						Precision Technologies in Apple Production, Example in New Zealand **Rob Holtham**
1.50pm – 2.00pm	Custom-Built Wireless Sensor Networks to Monitor Soil Moisture **Jagath Ekanayake**	Tech Transfer or Co-Innovation: Communicating Weather Forecast for Irrigation Management **MS Srinivasan**	Design of Big Data Acquisition for Professional Grower Based on Smart Agriculture Machinery Systems **Eiji Morimoto**	Ear Tag Deployed Accelerometer Successfully Infers Sheep Behaviour **Jamie Barwick**	Hyperspectral Sensing of Heterogeneous Pasture – Changing Scales? **Ian Yule**	Panel Discussion on Success Criteria and Challenges of Precision Horticulture/ Viticulture *Including:* **Matt Flowerday, Craige Hornblow**
2.00pm – 2.10pm		Enhancing Pigeon Pea Production in India through Precision Agriculture **Mahantesh Patil**				
2.10pm – 2.30pm	Machine Vision for Camera-Based Horticulture Crop Growth Monitoring **Alison McCarthy**	AG Gateway - Moving towards a Global Standard in Farm Data **Jim Wilson**	Big Data in Agriculture – From FOODIE Towards Data Bio **Karel Charvat**	On-Animal Sensor Technologies and Their Application in Sheep Production: A Systematic Review **Eloise Fogarty**	Incorporating Hyperspectral Data into Variable Rate Fertiliser Plans for New Zealand Hill Country **Alister Metherell**	

	2A - 7ACPA	2B - 7ACPA	C2 - 7ACPA	2D - 1ACPLF	2E - 1ACPLF	2F - DF&G 2017
2.30pm – 2.40pm	Software Development of STS Miniature Spectrometer for Crop Monitoring System **Hong Sun**		A Big Data Approach to Predicting Crop Yield **Patrick Filippi**	Accessible Farm Animal Welfare Data: The Role of Interoperable Standards in Precision Livestock Farming **Christiane Bahlo**	Improving Aerial Topdressing for Hill Country **Sue Chok**	Panel Discussion continued
2.40pm – 2.50pm			Detection of the Pumpkin Flower to Estimate its Fruit Position Using a Colour Camera **Liangliang Yang**			**Precision Agriculture in Elevator Pitches** Exhibitors Pitch with One Slide in 60 Seconds their Products or Services

2.50pm – 4.10pm	**Afternoon Tea, Exhibition, Posters and an Opportunity to Network** *Venue: Arena Upper Concourse, First Floor*

CONCURRENT SESSION - 3

4.10pm – 6.00pm	3A - 7ACPA **Site Specific Farming I** *Heaphy 1, Ground Floor Chair: Muhamad Rahman, Carolyn Hedley*	3B - 7ACPA **Sensor and Data II** *Brooklyn 1, First Floor Chair: Mario Pedraza, Josse De Baerdemaeker*	3C - 7ACPA **RPAS / UAV in Precision Agriculture** *Brooklyn 2, First Floor Chair: Tristan Perez*	3D - 1ACPLF **Sensing Technologies for Precision Livestock Farming** *Heaphy 2, Ground Floor Chair: Jamie Barwick, Kym Patison*	3E - 1ACPLF **Farm Management Information Systems** *Brooklyn 3, First Floor Chair: Mark Neale, Warren King*	3F - DF&G2017 **Exhibition** *Arena Lounge, First Floor*
4.10pm – 4.40pm	The Impact of Spatial Variability in Soil Nitrogen and the Value in its Management: A Case Study **Joanna Sharp** (Session Keynote)	Laser Ultrasonic Monitoring of the Elastic Properties of an Apple **Samuel Hitchman** (Session Keynote)	Research And Application of Plant Protection Techniques and Implements for Rice Production in China **Xiwen Luo** (Session Keynote)	Brave New World by Animal-Sensing **Daniel Berckmans** (Session Keynote)	Sensors and ICT to Access Wellbeing to Manage Livestock and to Inform the Value Chain **Daan Goense** (Session Keynote)	**Exhibition**
4.40pm – 5.00pm	Precision Agriculture for New Zealand Potatoes – Effect of Variable Yield, Tuber Size and Income **Allister Holmes**	Basic Tests of Chinese Cabbage Yield Monitoring Sensors for Small-Sized Korean Harvesters **Ye-Seul Lee**	UAV-Based Vineyard Water Status Forecasting, Univariate and Multivariate Models or Artificial Neural Network? **Tomas Poblete**	Automated Pupil Image Acquisition to Estimate of Serum Vitamin A Levels in Cattle Using Pupil Colour Analysis **Yuan Zhou**	A Preliminary Evaluation of the use of On-Animal Sensor Data to Predict Metabolizable Energy Intake of Sheep Using Deep Belief Networks **Hari Supawito**	

	3A - 7ACPA	3B - 7ACPA	3C - 7ACPA	3D - 1ACPLF	3E - 1ACPLF	3F - DF&G 2017
5.00pm – 5.20pm	Hardware and Embedded Algorithms for Real Time Variable Rate Fertiliser Applications **Joshua Stover**	Development of Real-Time Onion Disease Monitoring System using Machine Vision **Du-Han Kim**	Precision Agriculture Aviation: Current and Future **Yubin Lan**	Sound Analysis and Detection, and the Potential for Precision Livestock Farming **James Bishop**	The Nutritive Value of Forage and Weed Species Grazed by Beef Cattle in Australia and the Effect on Livestock Selectivity **Jamie Manning**	
5.20pm – 5.40pm	Multi-Thematic Delineation of 'Natural Zones' of Arable Fields and Their Correspondence to Spatial Yield Variation **Dinanjana Ekanayake**	Automatic Detection and Identification of Invasive Arthropod Pests for Pest Management and Biosecurity **Taylor Welsh**	Integrating Geographic Information System and Remote Sensing in Predicting Rice Grain Protein **Tapash Sarkar**	Preliminary Research Shows Potential for Using Proximal Infrared Technology for Livestock Monitoring and Phenotyping **Jessica Roberts**	Precision Grazing Management – Understanding Farmer Uptake of Grazing Software **Callum Eastwood**	**Exhibition**
5.40pm – 6.00pm	FATIMA Czech Pilot **Karel Charvat**	Machine Vision System Grading of Pine Tree Seedlings **Benjamin McGuinness**	Monitoring the Growth Status Variability in Onion *(Allium Cepa)* and Garlic *(Allium Sativum)* with RGB and Multi-Spectral UAV Remote Sensing Imagery **Woo-Jae Cho**	User-Technological Index of Precision Agriculture **Karel Charvat**	The Combination of ONEsystem® and VRA Nitrogen Application Technology on Dairy Farms; Is it Worth it? The First Seven Months Results From 6 Irrigated Australian Dairy Farms **Stewart Spilsbury**	

6.00pm – 6.10pm	**TIME TO MOVE ROOM**
6.10pm – 7.30pm	**World Café on Advancing Precision Agriculture in Asia, Australasia and Beyond** *Venue: Heaphy 2, Ground Floor* *Chair: Ian Tarbottom, Sjaak Wolfert, Armin Werner*
6.10pm – 6.20pm	Setting the Scene: Future of Precision Agriculture - Replaced by integrated Farm-ICT and Value Chain? **Sjaak Wolfert**
6.20pm – 7.30pm	Attendees of PA17 Work in a World Café Setting Participants Identify and Discuss Emerging Topics on Advancing, Adopting And Progressing PA in Asia, Australasia and the Rest of the World

Tuesday 17 October 2017

CONCURRENT SESSION - 4

8.00am – 9.00am	**4A - Combined Plenary 7ACPA and 1ACPLF** *Venue: Heaphy 1, Ground Floor* *Chair: Brett Whelan*	**8.00am – 9.40am** **4B - DF&G 2017** **Precision Agriculture in Annual Crop Production** *Venue: Arena Lounge, First Floor* *Chair: Roger Williams*
8.00am – 8.30am	Fate and Future of Optical Sensing in Precision Agriculture **Nicolas Tremblay**	Welcome and Objectives of this Session **Roger Williams**
8.30am – 9.00am	Precision Agriculture: Global Strategy in R&D for an Enabling Technology **Ian Ferguson**	20 Years of Precision Agriculture on Branson Farms – the Journey and Economics **Mark Branson**
9.00am – 9.10am	**Time to move rooms**	World Wheat Yeid. Record with Precision Agriculture **Eric Watson**

CONCURRENT SESSION - 5

9.10am – 9.40am	**5A - 7ACPA** **The Digital Future in Crop Production has Arrived II** *Heaphy 1, Ground Floor* *Chair: Tristan Perez*	**5B - 1ACPLF** **Preparing the Digital Future for Livestock Farming II** *Heaphy 2, Ground Floor* *Chair: Ina Draganova, Ian Yule*	Precision Technologies in Arable Variable Rate Irrigation, Example in New Zealand **Craige Mackenzie**
	Automatization in Precision Agriculture **Naoshi Kondo**	Advancements in Rangeland Livestock Management: New Technology Meet the Old Frontier of Extensive Grazing Systems **Derek Bailey**	The Journey of SPAA: Benefits and Risks of Precision Agriculture in the Early Days **Jessica Koch**
			Panel Discussion on Success Criteria and Challenges of Precision Arable Farming ***Including: John Evans***
			Precision Agriculture in Elevator Pitches Exhibitors Pitch with One Slide in 60 Seconds their Products or Services
9.40am – 10.35am	**Morning Tea, Exhibition, Posters and an Opportunity to Network** *Venue: Arena Upper Concourse, First Floor*		

CONCURRENT SESSION - 6

10.35am – 12.15pm	6A - 7ACPA **Variability I** *Heaphy 1, Ground Floor* *Chair: I Made Anom Sustrisna Wiyaya*	6B - 7ACPA **Data and Decision Support Systems** *Brooklyn 1, First Floor* *Chair: Chris McCool, Nicolas Tremblay*	6C - 7ACPA **Site Specific Farming II** *Brooklyn 2, First Floor* *Chair: John Fulton*	6D - 1ACPLF **Frame Conditions for Precision Livestock Farming I cont.** *Heaphy 2, Ground Floor* *Chair: Ian Tarbotton, Mark Trotter, Armin Werner*	6E - DF&G 2017 **Managing Within Limits with Precision Agriculture - Technologies** *Arena Lounge, First Floor* *Chair: Mike Manning*
10.35am – 10.55am	Characterizing the Spatial Variability of Soil Properties and Crop Yield Using High-Resolution Remote Sensing Image and Ground-based Data **John Fulton**	Sequential Decisions in Digital Agriculture - A Cybernetics Perspective **Tristan Perez**	Automated Pollination of Kiwifruit Crops **Matthew Seabright**	Challenges and Solutions in Advancing the Use of Precision Livestock Farming: Introduction to Open Space Session **Mark Trotter** / Introduction to Open Space Concept	Welcome and Objectives of this Session **Mike Manning** / Demand for ag-innovations in the Light of Policies and Governance in New Zealand **Deborah Roche**
10.55am – 11.05am	Comparison of Crop Stress and Soil Maps to Enhance Variable Rate Irrigation Prescriptions **Earl Vories**	Application of Statistical Machine Learning Algorithms in Precision Agriculture **Mohan Sridharan**	Creating Prescription Maps From Satellite Imagery for Site Specific Management of Cotton Root Rot **Chenghai Yang**	Open Space: Participants Identify and Discuss How to Advance Digital Livestock Farming or Precision Livestock Farming in Research, Development and Practical Farming In Their Home Countries and How to Communicate with Researchers/Developers as Well as Consultants/Educators **Participants of 1ACPLF**	Precision Technologies to Manage Arable Production Within Limits in New Zealand **Jemma Mulvihill**
11.05am – 11.15am			Variable Rate Irrigation Management for Soybean and Corn **Ruixiu Sui**		Precision Farming to Manage Arable Production Within Limits in New Zealand **Hugh Ritchie**
11.15am – 11.35am	Precision Technologies: Maximising the Value of Irrigation Water **Carolyn Hedley**	Integrating Soil Moisture Measurements into Pasture Growth Forecasting in New Zealand's Hill Country **Istvan Hajdu**	Transforming Variability to Profitability – Variable Seed Rates in New Zealand Maize **Allister Holmes**		Panel Discussion on Success Criteria and Challenges of Farming Within Limits with Precision Agriculture Technologies *Including: Warrick Catto, Charlotte Rutherford*
11.35am – 11.55am	Estimation of the Actual Evapotranspiration in Olive Orchard Using a Two-Layer Model Integrating Climate and Satellite Data **Fernando Fuentes**	Mobile Device Machine Vision Estimation of Mango Crop Load **Anand Koirala**	A Review of Practices in Precision Application of Granular Fertilisers **Miles Grafton**		**Precision Agriculture in Elevator Pitches** Exhibitors Pitch with One Slide in 60 Seconds their Products or Services

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| 11.55am – 12.15pm | Implications of Plant-To-Plant Variability on Spatial Variability of Yield in Vegetable Crops **Bruce Searle** | rmAgro, a Reference Model for Data Exchange in Precision Agriculture. **Daan Goense** | Determination of Establish Point of Sugar Beet Plant For Use in Automatic Thinning Machine **Abdolabbas Jafari** | | |

12.15pm – 1.00pm	**Lunch and posters**
1.00pm – 5.00pm	**Field Trips**

| 6.30pm – late | **PA17 – Conference Dinner**
After Dinner Speaker:
Melissa Clark-Reynolds
Venue: Heaphy 1 and 2, Ground Floor, Claudelands Conference and Events Centre | *Sponsored by*

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Wednesday 18 October 2017

Time					
7.45am – 8.20am	**Exhibitor's Networking Light Breakfast** *Venue: Arena Upper Concourse, First Floor*				
8.30am – 9.00am	**Combined Plenary** *Venue: Heaphy 1, Ground Floor* *Chair: Nicholas Tremblay*				
	Open Data for Agriculture and Rural Communities ***Karel Charvat***				

CONCURRENT SESSION - 7

9.10am – 9.40am	**7A - 7ACPA** **The Future of Precision Agriculture II** *Heaphy 1, Ground Floor* *Chair: Nicholas Tremblay*			**7B - 1ACPLF** **Frame Conditions for Precision Livestock Farming II** *Heaphy 2, Ground Floor* *Chair: Callum Eastwood*	
	The Hands-Free Robot Field ***Simon Blackmore***			Benefits, Limitations and Expectations to Animal Based Farm Information Management Systems ***Reiner Brunsch***	
9.40am – 10.10am	**Morning Tea and Exhibition and a chance to network** *Venue: Arena Upper Concourse, First Floor*				

CONCURRENT SESSION - 8

Time	**8A - 7APCA** **Variability II** *Heaphy 1, Ground Floor* *Chair: Manjeet Singh, Megan Cushnahan*	**8B - 7APCA** **Automation / Robotics** *Brooklyn 1, First Floor* *Chair: Xiwen Luo, Chris Lehnert*	**8C - 7APCA** **Farm Management Information Systems** *Brooklyn 2, First Floor* *Chair: Minzan Li*	**8D - 1ACPLF** **Novel Sensing in Precision Pastures and Livestock Farming** *Heaphy 2, Ground Floor* *Chair: Dean Thomas, Mark Shepherd*	**8E - 1ACPLF** **Pasture Management with Precision Agriculture** *Brooklyn 3, First Floor* *Chair: Richard Flavel, Jeffrey Bewely*
10.10am – 10.30am	Technology to Monitor and Manage Onions Crops ***Dan Bloomer***	Robotic Weeding – From Concept to Trials ***Tristan Perez***	Environmental and Food Safety Considerations in Precision Agriculture ***Josse De Baerdemaeker***	Putting Precision Livestock research to work in extensive livestock production systems ***David Lamb***	The Internet of Cows - Developing Digital Infrastructure for Extensive Livestock Production Systems ***David Swain***
10.30am – 10.40am	Identification of Management Zones Based on Soil and Yield in Slope Citrus Field ***Kengo Usui***	Thick Then Thin – A Novel Approach to Reducing Plant Spacing Variability in Small-Seeded Vegetable Crops ***Adrian Hunt***	Digital Twins in Farm Management: illustrations from the FIWARE Accelerators SmartAgriFood and Fractals ***Jan Willem Kruize***	iWelfare: Coming to a paddock near you ***Sally Haynes***	System Design and Economic Benefits of Controlled Traffic Farming in Grass Silage Production ***Simon Blackmore*** *(for R Godwin)*
10.40am – 10.50am	Investigation of the Spatial Variation of Total Soluble Solids in Postharvest Mulberry Fruit ***Liuwei Meng***				

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PROGRAMME - WEDNESDAY 18 OCTOBER

	8A - 7APCA	8B - 7APCA	8C - 7APCA	8D - 1ACPLF	8E - 1ACPLF
10.50am – 11.00am	Soil Electrical Conductivity Imaging of The Soil Profile and its Relationship to Soil Properties **Ahmed El-Naggar**	Improved Vision-Based Weed Classification for Robotic Weeding – A Method for Increasing Speed while Retaining Accuracy **Chris McCool**	Smart and Connected Agri-Food: Beyond Precision Agriculture **Deborah Tod**	Fast Object Detection in Pastoral Landscapes using a Multiple Expert Colour Feature Extreme Learning Machine **Edmund Sadgrove**	Defining the Value Proposition for Using Technology to Improve Pasture Management and Harvest More Pasture **Mark Neal**
11.00am – 11.10am	Real-Time Lodging Analysis for Smart Combine Harvester **Naruyoshi Inagaki**	Crop Yield Estimation Using Deep Learning **Jaco Fourie**			
11.10am – 11.20am			Multi-Temporal Landsat Algorithms For The Yield Prediction Of Sugarcane Crops In Australia **Muhammad Moshiur Rahman**	Rapidly Determining Pasture Evapotranspiration From Proximally Sensed Data **Muhammad Shahinur Alam**	Spatial Distribution of Beef Cattle on a New Zealand Hill Country Farm: Monitoring the Use of Streams and Wet Areas **Ina Draganova**
11.20am – 11.30am	Evaluation of Field Condition by Using Smart Rice Transplanter **Hiroyasu Sasaki**	Lessons Learnt from Field Trials of a Robotic Sweet Pepper Harvester for Protected Cropping Systems **Christopher Lehnert**	Big Data System for Disaster Warning of Solar Greenhouse Vegetables **Ming Li**		
11.30am – 11.40am			A Cognitive Decision Tool to Optimise Integrated Weed Management **Kate Devitt**	A Sentinel View of Pasture Growth Rate **Richard Crabbe**	Exclusion Zones for Variable Rate Nitrogen Fertilisation in Grazed Dairy Pasture Systems in New Zealand **Dinanjana Ekanayake**
11.40am – 11.50am	Development of Smart 2nd Fertilizer Application System by Using Canopy Sensor. **Hiromi Fuji**	Automatic Sugar Beet Thinner Equipped with Machine Vision **Abdolabbas Jafari**	Design and Experiment of Embedded Multi-Function Wireless Sensor for Multi-Service Agricultural Information Acquisition **Kehui Xiao**		
12.00pm – 1.00pm	**Plenary and Conference Close** *Venue: Heaphy 1, Ground Floor* *Chair: Armin Werner*				
12.00pm – 12.25pm	A New Ag-Sustainability Model? Maori Business Culture! **Miriana Stephens**				
12.25pm – 12.55pm	Highlights of PA17 **Maohua Wang, Jeffrey Bewley, Carolyn Hedley, Dan Bloomer**				
12.55pm – 1.00pm	Closing of the PA17 Event **Craige Mackenzie**				
1.00pm – 1.30pm	**LIGHT REFRESHMENTS** *Venue: Heaphy Pre-Function Area, Ground Floor*				