

DAY 0 | MONDAY 25 SEPTEMBER 2017

13:00-17:00	Student Professional Development Workshop	Rydges Southbank
17:00-18:00	Registrations Open	Room: Plaza Auditorium Registration Desk
18:00-20:00	Welcome Reception	Room: Skyroom BCEC
19:30-21:00	APPS Council of the Society Meeting Dinner (by invitation only)	Stone Restaurant

DAY 1 | TUESDAY 26 SEPTEMBER 2017

07:00-08:00	APPS Management Committee Breakfast (by invitation only)	Room: Concord Boardroom
07:30-17:30	Registrations Open	Room: Plaza Auditorium Registration Desk
08:30-09:00	Opening Ceremony	Room: Plaza Auditorium

09:00-10:00 **Plenary 1: Daniel McAlpine Memorial Lecture - Prof Barbara Howlett**
Topic: A 'genome to paddock' approach to control plant disease Room: Plaza Auditorium
 Session Chair: Dr Kim Plummer

10:00-10:30 Morning Tea Room: Plaza Auditorium Foyer

10:30-12:00 **Concurrent Sessions 1**

Rooms:	Plaza Auditorium	P6+7	P8	P9	P10
	Pest and Pathogen Evolution and Diversity	Diagnostics	Resistance Breeding	Modelling and Pest Risk Analysis	Community and Industry Engagement
	Session Chairs: A/Prof Celeste Linde and Prof Roger Shivas	Session Chairs: A/Prof John Thomas and Mr Mark Whattam	Session Chairs: Prof John Thompson and Prof Ruth Dill-Macky	Session Chairs: Dr Kylie Ireland and Dr Rieks van Klinken	Session Chairs: Ms Heleen Kruger and Dr David Cook
10:30-11:00	Keynote: Dr Mark Schutze Topic: Linking molecules to morphology: Fruit fly integrative taxonomy	Keynote: Dr Grant Smith Topic: Point of contact diagnostics. Biosecurity pest identification in the genomics age	Keynote: Dr Lee Hickey Topic: Standing on the shoulders of giants: Vavilov's wheat collection and sources of resistance	Keynote: Dr Dean Paini Topic: Modelling invasive species arrival and establishment	Keynote: Mr Trevor Nicholls Topic: Building plant health systems to improve nutrition and livelihoods worldwide
11:00-11:15	Presenter: Dr Diane Mostert Topic: The banana wilt fungus <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> is even more diverse than previously anticipated	Presenter: Dr Linda Zheng Topic: On-site detection of Potato <i>spindle tuber viroid</i> in a disease outbreak using loop-mediated isothermal amplification (LAMP)	Presenter: Mr Adnan Riaz Topic: Unlocking novel alleles for resistance to leaf rust in the Vavilov wheat collection	Presenter: Dr Florian Schwarzmuller Topic: Fighting Queensland Fruit Fly <i>in silico</i> : spatially explicit modelling to inform management strategies	Presenter: Prof David Guest Topic: An Eco-Health approach to plant pathology in agricultural development
11:15-11:30	Presenter: Ms Barsha Poudel Topic: Sexual reproduction between <i>Pyrenophora teres</i> f. <i>teres</i> and <i>Pyrenophora teres</i> f. <i>maculata</i> is rare in barley field populations	Presenter: Dr Roberto Barrero Topic: An internet-based bioinformatics toolkit for Plant Biosecurity diagnosis and surveillance of viruses and viroids	Presenter: Mr Jason Sheedy Topic: Selecting wheat cultivars that combine root-lesion nematode (<i>Pratylenchus thornei</i> and <i>P. neglectus</i>) resistance and <i>P. thornei</i> tolerance	Presenter: Dr Loup Rimbaud Topic: Assessing the performance of landscape-based strategies to deploy major-gene resistance	Presenter: Ms Heleen Kruger Topic: The influence of the local social profile on establishing grower and community collaboration: "The case of industry-driven fruit fly area-wide management"

11:30-11:45	Presenter: A/Prof Celeste Linde Topic: Host specificity in net form of net blotch of barley and barley grass caused by <i>Pyrenophora teres</i> f.sp. <i>teres</i>	Presenter: Dr Amanda Baizan-Edge Topic: A new bioinformatics pipeline for the rapid detection of plant viruses using next generation sequencing data	Presenter: Ms Brittney Caruana Topic: Advanced genomics for improved disease resistance prediction in potato	Presenter: Dr Suzy Perry Topic: Risk assessment and application of the Military Appreciation Process to involve growers in emergency response decision making	Presenter: Ms Johanna Couchman Topic: Crop pathology online 24/7/365 - does it deliver?
11:45-12:00	Presenter: Dr Jacqueline Edwards Topic: Genotyping of potato cyst nematode in Victoria, Australia, and comparison with populations from Europe and the Americas	Presenter: Dr Brendan Rodoni Topic: The use of NGS to identify quarantine pathogens and genomic traits for breeders in tropical pulse germplasm imported by the Australian Grains Genebank	Presenter: Dr Anna Avrova Topic: Development of markers to allow incorporation of complementary resistance genes to <i>Rhynchosporium</i> into elite barley varieties	Presenter: Dr Maggie Triska Topic: Optimizing the surveillance of invading organisms: Can we improve standard surveillance strategies?	Presenter: Mr Alby Marsh Topic: Building resilience in indigenous communities through engagement

12:00-13:00 Lunch Room: Plaza Auditorium Foyer

13:00-14:00 **Plenary 2 - Dr Mark Hoddle**
Topic: What can we realistically expect from biocontrol of insect vectors of plant pathogens: is significant disease mitigation possible? Room: Plaza Auditorium
Session Chair: Dr David Teulon

14:00-15:00 **Plenary 3 - Prof Roger Innes**
Topic: Extracellular vesicles: an underappreciated component of the plant immune system Room: Plaza Auditorium
Session Chair: Prof David Guest

15:00-15:30 Afternoon Tea Room: Plaza Auditorium Foyer

15:30-17:00 **Concurrent Sessions 2**

Rooms:	Plaza Auditorium	P6+7	P8	P9	P10
	Epidemiology	Emerging Pests and Diseases	Integrated Pest and Disease Management	Pest and Pathogen Surveillance	Responding to Pest and Pathogen Incursions
	Session Chairs: Mr Denis Persley	Session Chairs: Dr Lucy Tran-Nguyen and Dr Tony Pattison	Session Chairs: Dr Kirsty Owen and Ms Louisa Parkinson	Session Chairs: Prof Jon West and Dr Rohan Kimber	Session Chairs: Dr Ceri Pearce and Mr Francesco Martoni
15:30-16:00	Keynote: Prof Chris Gilligan Topic: Use of epidemiological models to predict the spread and potential for control of tree diseases	Keynote: Prof Sarah Gurr Topic: Fungal crop diseases and food security	Keynote: Prof Gerhard Pietersen Topic: Grapevine leafroll disease control in white cultivars	Keynote: Dr Brian McCornack Topic: Optimising surveillance protocols using unmanned aircraft systems: the power of perspective	Keynote: Ms Sarah Corcoran Topic: Plant Biosecurity just goes with the Territory
16:00-16:15	Presenter: Mr Denis Persley Topic: A disease of French beans and soybean caused by Cowpea mild mottle virus in Queensland	Presenter: Prof Ruth Dill-Macky Topic: Bacterial Leaf Streak: an emerging disease of wheat in the Upper Midwest	Presenter: Ms Melissa Cook Topic: Management of yellow spot (<i>Pyrenophora tritici-repentis</i>) in wheat through paddock selection, variety selection and in-crop management	Presenter: Dr Fernando Vane-gas Alvarez Topic: The use of UAS obtained imagery to detect early stages of pest incursions: case study of grape phylloxera in vineyards	Presenter: Mr Nicholas Woods Topic: National plant pest surveillance: an innovative approach to national coordination and knowledge creation

DAY 1 | TUESDAY 26 SEPTEMBER 2017 (CONT.)

16:15-16:30	<p>Presenter: Ms Elrea Strydom</p> <p>Topic: Alternative hosts, seed transmissibility and persistent-propagative replication of <i>Soybean blotchy mosaic virus</i></p>	<p>Presenter: Dr Brian Garms</p> <p>Topic: Using biology to develop a targeted biosecurity strategy for risk management of brown marmorated stink bug, <i>Halyomorpha halys</i></p>	<p>Presenter: Dr Linda Smith</p> <p>Topic: Can reniform nematode (<i>Rotylenchulus reniformis</i>) in Australian cotton be managed by crop rotation?</p>	<p>Presenter: Dr Fernando Vanegas Alvarez</p> <p>Topic: UAS remote sensing efforts for myrtle rust management</p>	<p>Presenter: Dr Karen Armstrong</p> <p>Topic: How robust are stable isotope and trace element signatures for the assessment of a fruit fly's geographic origin?</p>
16:30-16:45	<p>Presenter: Mr Jens Froese</p> <p>Topic: Modelling outbreak risk of wheat stripe rust to inform on-farm crop monitoring</p>	<p>Presenter: Dr Kathy Braithwaite</p> <p>Topic: Ramu stunt: an important biosecurity threat to the Australian sugarcane industry</p>	<p>Presenter: A/Prof Adam Sparks</p> <p>Topic: Do alternate wetting and drying irrigation technologies and nitrogen rates affect rice sheath blight?</p>	<p>Presenter: Dr Eric Grist</p> <p>Topic: Optimal surveillance strategies for invasive plant pathogens using a spatial stochastic algorithmic mapping approach</p>	<p>Presenter: Mr Geoffery Kent</p> <p>Topic: The future of the National Red Imported Fire Ant Eradication Program</p>
16:45-17:00	<p>Presenter: Ms Nga Tran</p> <p>Topic: Do ascospores play a role in the epidemiology of citrus black spot?</p>	<p>Presenter: Dr Murray Sharman</p> <p>Topic: Phytoplasma disease outbreaks in multiple crops in eastern Australia</p>	<p>Presenter: Dr Elizabeth Dann</p> <p>Topic: Investigating biofumigation and composted chicken manure to manage soilborne pathogens of avocado</p>	<p>Presenter: Dr Audrey Leo</p> <p>Topic: Monitoring of airborne <i>Sclerotinia sclerotiorum</i> ascospores in southern New South Wales canola growing regions using quantitative PCR</p>	<p>Presenter: Dr Livinus Emebiri</p> <p>Topic: Managing biosecurity risk of exotic insect pest and pathogen incursions in wheat through pre-emptive breeding</p>

Session Sponsored by:



17:00-18:00

Poster Viewing Session 1
Drinks and snacks provided

Room: P6-P11 Foyer

- 18:00 Close of Day 1
- 19:00 Informal Dinners – APPS Regional Councillors, Special Interest Groups etc
- 19:00 International Speakers Dinner (by invitation only)

DAY 2 | WEDNESDAY 27 SEPTEMBER 2017

07:00-09:00 APPS President's Breakfast (by invitation only)

Room: Concord Boardroom

08:00-17:00 Registration Open

Room: Plaza Auditorium Registration Desk

09:00-09:55 APPS President's Address - Dr Kim Plummer

Room: Plaza Auditorium

09:00-09:55

Topic: How to build a plant pathologist

Session Chair: Prof Eileen Scott

Ms Shakira Johnson

09:55-10:00

Topic: Let's talk about importing plant research materials: new ways to find out how

Room: Plaza Auditorium

10:00-10:30 Morning tea

Room: Plaza Auditorium Foyer

10:30-12:00 Concurrent Sessions 3

Rooms:

	Plaza Auditorium Molecular Plant-Pathogen Interactions Session Chairs: Prof Elizabeth Aitken and Dr Jonathan Anderson	P6+7 Epidemiology Session Chairs: Dr Rosalie Daniel and Dr Murray Sharman	P8 Diagnostics Session Chairs: Dr Jenny Davidson and Dr Roberto Barrero	P9 Pest Ecology Session Chairs: Ms Pauline Wyatt and Dr Hazel Parry	P10 Biosecurity Policy Session Chairs: Dr David Dall and Ms Lois Ransom
10:30-11:00	Keynote: Prof Peter Waterhouse Topic: Genome editing for plant defence	Keynote: Prof Eileen Scott Topic: Objective measures for assessment of powdery mildew on grape berries	Keynote: Ms Barbara Hall Topic: Implementing Australia's National Plant Biosecurity Diagnostic Strategy	Keynote: Dr Mark Hoddle Topic: Palmageddon: the ongoing invasion problem with palm killing weevils	Keynote: Dr Sally Troy Topic: Enhancing the Australian plant biosecurity system amidst rapid global change
11:00-11:15	Presenter: Dr Kim Plummer Topic: Hunting down specific triggers of resistance to the apple scab fungus	Presenter: Dr Sandra Savocchia Topic: Investigations on the spore dispersal patterns of eutypa and botryosphaeria dieback pathogens in Australian vineyards	Presenter: Dr Mark Blacket Topic: Molecular identification of trapped insects: Metabarcoding for improved monitoring and surveillance of insect pests	Presenter: Mr Francesco Martoni Topic: Phylogeny, ecology and amplicon sequencing of the New Zealand Psylloidea (Hemiptera: Sternorrhyncha) reveals interesting insect-plant-bacteria interactions	Presenter: Dr David Cook Topic: Eradicating Coconut Rhinoceros Beetle from Hawaii: Do the benefits outweigh the costs?
11:15-11:30	Presenter: Ms Shakira Johnson Topic: Teasing apart the differences between Asian and European pear scab disease to reveal the molecular mechanisms of host-specificity and non-host resistance	Presenter: Dr Paul Melloy Topic: Increased carbon-dioxide affects crown rot incidence, severity and pathogen colonisation in wheat reducing potential grain yield	Presenter: Mr Wycliff Kinoti Topic: The application of generic amplicon next generation sequencing to determine larvirus species diversity in <i>Prunus</i>	Presenter: Mr Alexander Piper Topic: The importance of yeasts in the ecology and control of the Queensland fruit fly	Presenter: Dr Ian Porter Topic: The impact of global regulations under the Montreal Protocol on soilborne disease control, biosecurity and the climate
11:30-11:45	Presenter: Dr Dharmendra Singh Topic: Deciphering the molecular mechanisms of Lr34-mediated disease resistance in wheat	Presenter: Dr Julia Cremer Topic: Distribution and epidemiology of viruses infecting garlic in Australia	Presenter: Dr Agata Kaczmarek Topic: SPOREID - Innovative disease monitoring and diagnostics for improved efficiency of crop production	Presenter: Dr Rebekah Frampton Topic: Whole mitochondrial genome sequencing reveals diversity of <i>Bactericera cockerelli</i> (tomato potato psyllid) in New Zealand	Presenter: Dr Brian Garms Topic: A new approach for conducting pest risk analyses – the Group Pest Risk Analysis

DAY 2 | WEDNESDAY 27 SEPTEMBER 2017 (CONT.)

11:45-12:00	<p>Presenter: Dr Peri Tobias</p> <p>Topic: Identification of candidate genes involved in resistance to <i>Austropuccinia psidii</i> (myrtle rust) in <i>Syzygium luehmannii</i> (Riberry)</p>	<p>Presenter: Dr Mary Finlay-Doney</p> <p>Topic: Cucumber green mottle mosaic virus and honey bee pollinators</p>	<p>Presenter: Dr Regina Billones-Baaijens</p> <p>Topic: Development of quantitative PCR assays to detect and quantify inoculum of grapevine trunk disease pathogens from environmental samples</p>	<p>Presenter: Ms Donna Chambers</p> <p>Topic: The effect of groundcovers on survival of Banana rust thrips <i>Chaetanaphothrips signipennis</i> (Bagnall) (Thysanoptera: Thripidae)</p>	<p>Presenter: Dr Richard Lardner</p> <p>Topic: Plant post entry quarantine in New Zealand - working with industry to develop new regulations</p>
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12:00-13:00 Lunch Room: Plaza Auditorium Foyer

12:00-13:00 Students Lunch Supported by APPS – Guest Speaker Phil O'Brien Room: P11

13:00-14:00 **Plenary 4 - Dr Nancy Schellhorn**
Topic: Tools, technologies and transdisciplinary science of area-wide management of insects Room: Plaza Auditorium
Session Chair: Dr Rieks van Klinken

14:00-15:00 Poster Viewing Session 2 Room: P6-P11 Foyer

14:00-15:00 Annual General Meeting of APPS Room: P8

15:00-15:30 Afternoon tea Room: Plaza Auditorium Foyer

15:30-17:00 **Concurrent Sessions 4**

Rooms:	Plaza Auditorium	P6+7	P8	P9	P10
	Soil Health	Diagnostics	Agrochemicals and Biopesticides	Facilitating Trade	Forest Pathology and Entomology
	Session Chairs: Ms Jenny Cobon and Dr Nicole Seymour	Session Chairs: Dr Grant Smith and Dr Linda Zheng	Session Chairs: A/Prof Victor Galea and Dr Elizabeth Dann	Session Chairs: Dr Jutta Tuerck and Dr Peter Whittle	Session Chairs: Dr Geoffrey Pegg and Dr Helen Nahrung
15:30-16:00	<p>Keynote: Prof Linda Kinkel</p> <p>Topic: Interaction networks shed light on the ecology and coevolution of soil microbiomes</p>	<p>Keynote: Dr Toni Chapman</p> <p>Topic: From genomics to diagnostic development, the citrus canker story</p>	<p>Keynote: Prof Gero Steinberg</p> <p>Topic: Live cell imaging provides unique insights into fungicide mode of action</p>	<p>Keynote: Dr Craig Hull</p> <p>Topic: Impact of fruit flies on international market access and what the scientific community can do to help</p>	<p>Keynote: Dr Angus Carnegie</p> <p>Topic: The risks and costs of exotic pests to Australia's forest industry, conservation forests and amenity trees</p>
16:00-16:15	<p>Presenter: Dr Pervaiz Abbasi</p> <p>Topic: Determining the effect of strawberry production cycle and mulch type on plant health, fruit yield, and root pathogens</p>	<p>Presenter: Dr Grant Smith</p> <p>Topic: A novel <i>Candidatus Liberibacter</i> species associated with <i>Ctenarytaina fuchsiae</i>, the New Zealand native fuchsia psyllid</p>	<p>Presenter: Dr Kalman Vaczy</p> <p>Topic: The <i>CytB</i> gene structure and resistance to QoI fungicides in the grape black rot pathogen, <i>Guignardia bidwellii</i>, and related species</p>	<p>Presenter: Dr Rieks van Klinken</p> <p>Topic: Knowing what you have: the benefits and challenges of maintaining national plant pest lists</p>	<p>Presenter: Dr Geoff Pegg</p> <p>Topic: Myrtle rust - impact on native Myrtaceae and associated plant communities</p>
16:15-16:30	<p>Presenter: Mr Wossen Mengesha</p> <p>Topic: Suppression of potato bacterial wilt with non-aerated compost tea and factors which influence efficacy</p>	<p>Presenter: Ms Jacqueline Morris</p> <p>Topic: Characterisation of '<i>Candidatus Liberibacter brunswickensis</i>' identified in the Australian eggplant psyllid</p>	<p>Presenter: Dr Joel Vanneste</p> <p>Topic: Effects of copper used for control plant pathogenic bacteria: the case of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> (Psa)</p>	<p>Presenter: Ms Lisa Jamieson</p> <p>Topic: Postharvest market access treatments for horticultural commodities: Developing pre-approved and standardised quarantine treatments for fruit flies</p>	<p>Presenter: Ms Laura Fernandez</p> <p>Topic: Dominant Australian native vegetation communities in danger</p>

16:30-16:45	<p>Presenter: Dr Helen Hayden</p> <p>Topic: Transcriptionally active wheat rhizosphere microbiomes in fields suppressive and non-suppressive for <i>Rhizoctonia solani</i> AG 8</p>	<p>Presenter: Dr Julie Pattermore</p> <p>Topic: Discrimination between viable and dead <i>Xanthomonas fragariae</i> on strawberry host tissue by PCR</p>	<p>Presenter: Ms Karina Griffin</p> <p>Topic: Copper tolerance in <i>Pseudomonas syringae</i> pv. <i>tomato</i> from tomatoes in Queensland, Australia</p>	<p>Presenter: Ms Pauline Wyatt</p> <p>Topic: Low-dose methyl bromide fumigation as a quarantine treatment against Queensland fruit fly to improve exports of Australian capsicums</p>	<p>Presenter: Dr Manon Griffiths</p> <p>Topic: Mapping and trapping - protecting Queensland's pine resource</p>
16:45-17:00	<p>Presenter: Dr Tony Pattison</p> <p>Topic: Engineering banana cropping systems to suppress soil borne diseases</p>	<p>Presenter: Dr Tracey Steinrucken</p> <p>Topic: Diagnosing 'dieback': A protocol for determining the cause of endophyte-associated mortality in plants</p>	<p>Presenter: Dr Dean Metcalf</p> <p>Topic: Biological control of <i>Botrytis cinerea</i> in grapes</p>	<p>Presenter: Dr Paul Mwebaze</p> <p>Topic: Cost-benefit analysis of a risk profiling tool to optimise biosecurity inspections for the Asian gypsy moth</p>	<p>Presenter: Dr Rebecca McDougal</p> <p>Topic: <i>Cyclaneusma minus</i> morphotypes and their distribution in a forests in New Zealand</p>

17:00 Close of Day 2

19:00 Conference Dinner
Announcements of Allen Kerr Postgraduate Prize, Lester Burgess Award and new Fellows of the Australasian Plant Pathology Society

Brisbane City Hall

DAY 3 | THURSDAY 28 SEPTEMBER 2017

08:00-17:00 Registration Open

Room: Plaza Auditorium Registration Desk

09:00-10:00 **Plenary 5 - Prof Chris Gilligan**
Topic: When, where and how to prepare for and manage emerging epidemics

Room: Plaza Auditorium
Session Chair: Dr Brendan Rodoni

10:00-10:30 Morning Tea

Room: Plaza Auditorium Foyer

Concurrent Sessions 5

Rooms:	Plaza Auditorium	P6+7	P8	P9	P10
	Molecular Plant-Pathogen Interactions	Biological Control	Tree Pathology and Entomology	On-farm Biosecurity	Post-harvest Protection from Pests
	Session Chairs: Dr Louise Thatcher and Prof Barbara Howlett	Session Chairs: Dr Gavin Hunter and Dr Louise Morin	Session Chairs: Dr Olufemi Akinsanmi and Dr Angus Carnegie	Session Chairs: Dr Suzy Perry and Mr Stewart Lindsay	Session Chairs: Dr Manoj Nayak and Prof Christos Athanassiou
10:30-11:00	Keynote: Prof Roger Innes Topic: Using decoys to expand the recognition specificity of plant disease resistance proteins	Keynote: Prof Gavin Ash Topic: Use of genomics to improve biological control	Keynote: Dr Akif Eskalen Topic: Fusarium dieback in California and other ambrosia beetle associated diseases of avocado and urban forest	Keynote: Dr Sharyn Taylor Topic: National Farm Biosecurity Initiatives	Keynote: Prof Christos Athanassiou Topic: Novel technologies in stored product protection: the European perspective
11:00-11:15	Presenter: Prof Mike Jones Topic: Host-induced gene silencing: application to control nematode and aphid pests	Presenter: Ms Jing Liu Topic: Identification of culturable endophytes isolated from apple tissues with antagonism towards <i>Neonectria</i>	Presenter: A/Prof Victor Galea Topic: Dynamics of dieback in a naturally occurring parkinsonia population	Presenter: Mr John McDonald Topic: On-farm biosecurity delivers market access	Presenter: Mr Robin Reid Topic: Challenge of insect control in Australian grain industry
11:15-11:30	Presenter: Dr Jonathan Anderson Topic: Comparative secretome analysis of <i>Rhizoctonia solani</i> isolates reveals unique secretomes and cell death inducing effectors	Presenter: Dr Duy Le Topic: Antagonistic effects of <i>Trichoderma</i> spp. against the brown root rot pathogen, <i>Phellinus noxius</i>	Presenter: Ms Tamara Taylor Topic: The impact of <i>Austropuccinia psidii</i> (myrtle rust) on the endangered <i>Gossia gonoclada</i> in south east Queensland	Presenter: Ms Luise Sigel Topic: CropSafe - A biosecurity surveillance network for broadacre plant diseases - Does it work?	Presenter: Dr Rajeswaran Jagadeesan Topic: Integrated approach to manage strong resistance to phosphine (PH ₃) in rusty grain beetle, <i>Cryptolestes ferrugineus</i>
11:30-11:45	Presenter: Dr Candace Elliot Topic: A comparison of metabolites produced by the fungus <i>Leptosphaeria maculans</i> during competition with <i>Leptosphaeria biglobosa</i> and during canker formation in the stems of <i>Brassica napus</i> cv. Westar	Presenter: Prof Levente Kiss Topic: Pitfalls of molecular identification of biocontrol fungi used in sustainable agriculture: an alarming case study	Presenter: Ms Katherine Berthon Topic: Mapping the threat of myrtle rust to Myrtaceae in Australia	Presenter: Ms Rachel Taylor-Hukins Topic: Australia's Grains Farm Biosecurity Program - a national initiative in plant biosecurity awareness, education and training	Presenter: Mr Peter Botta Topic: Australia's On-Farm Grain Storage Extension Project a national initiative improving stored grain pest management and maintaining phosphine fumigation efficacy on-farm for the Australian grains industry

11:45-12:00	Presenter: Mr Tohidul Islam Topic: Root transcriptome analysis of resistance against <i>Phytophthora cinnamomi</i> using RNA-seq and the association of β -cinnamomin elicitor with virulence	Presenter: Dr Belinda Stummer Topic: Suppression of Fusarium Crown Rot in wheat by endophytic <i>Trichoderma</i>	Presenter: Ms Sarah Hsieh Topic: Transcriptome profiling of Broadleaf Paperbark (<i>Melaleuca quinquenervia</i>) challenged by Myrtle Rust (<i>Austropuccinia psidii</i>) revealed variation in defence responses among resistant individuals	Presenter: Ms Shanara Veivers Topic: Quaternary ammonium based disinfectants for effective on-farm biosecurity management of Panama disease in bananas	Presenter: Ms Judy Bellati Topic: Enhancing surveillance for exotic pests of stored grain using a partnership approach with industry and government
12:00-13:00	Lunch				Room: Plaza Auditorium Foyer
12:00-13:00	Editor's Lunch				Room: P11
13:00-13:55	Plenary 6 - Prof Linda Kinkel Topic: Diffuse symbioses: competition, coevolution, and pathogen suppression in the rhizosphere.				Room: Plaza Auditorium Session Chair: Dr Kathy Ophel-Keller
13:55-14:00	Mr Greg Fraser Topics: Plant Health Australia engagement in research and innovation				Room: Plaza Auditorium
14:00-15:00	Poster Viewing Session 3				Room: P6-P11 Foyer
15:00-15:30	Afternoon tea				Room: Plaza Auditorium Foyer

DAY 3 | THURSDAY 28 SEPTEMBER 2017 (CONT.)

15:30-17:00 Concurrent Sessions 6

Rooms:	Plaza Auditorium	P6+7	P8	P9	P10
	Combating Fusarium Wilt	Pest and Pathogen Evolution and Diversity	Novel Methods of Pest and Pathogen Control	Pest and Pathogen Surveillance	Plant-Viral-Vector Interactions
	Session Chairs: Prof Andre Drenth and Dr Juliane Henderson	Session Chairs: Dr Rebekah Frampton and Dr Philip O'Brien	Session Chairs: Prof Gavin Ash and Prof Amanda Able	Session Chairs: Dr Grant Smith and Dr Kelly Hill	Session Chairs: A/Prof Ralf Dietzgen and Dr Robin MacDiarmid
15:30-16:00	Keynote: Dr Louise Thatcher Topic: Molecular-based strategies for combating Fusarium wilt disease of legumes	Keynote: Dr Brendan Rodoni Topic: Where do plant bacterial diseases come from?	Keynote: Prof Neena Mitter Topic: Agro-nano innovations: game changers for crop protection	Keynote: Dr Jenny Davidson Topic: New technologies for detection of pest and diseases affecting the grains Industry	Keynote: Prof Michael Goodin Topic: Modification of plant nuclei by negative-strand RNA viruses
16:00-16:15	Presenter: Ms Elizabeth Czislawski Topic: Investigating the molecular mechanisms of pathogenicity of the banana pathogen, <i>Fusarium oxysporum</i> f.sp. <i>cubense</i>	Presenter: Prof Gerhard Pietersen Topic: 'Candidatus Liberibacters' in indigenous Rutaceous species from South Africa	Presenter: Ms Aloesi Dakuidreketi Topic: The potential effect of karrikinolide (KAR1) in inducing resistance against <i>Alternaria solani</i> on tomato	Presenter: Dr Kyla Finlay Topic: Evaluating different passive/ interception traps for monitoring long distance wind dispersal of insects into Australia	Presenter: A/Prof Ralf Dietzgen Topic: Differentially expressed genes in response to capsicum chlorosis virus infection in the capsicum host and thrips vector
16:15-16:30	Presenter: Dr Ceri Pearce Topic: How Queensland is fighting the battle against <i>Fusarium oxysporum</i> f. sp. <i>cubense</i>	Presenter: Ms Olumide Jeff-Ego Topic: Are multiple <i>Phytophthora</i> species associated with macadamias?	Presenter: Dr Christian Krill Topic: Isoprene identified in the volatolome of endophytic fungi as a promising phosphine alternative	Presenter: A/Prof Paul Cunningham Topic: Continuing development of a new attract and kill trap for surveillance and control of female Queensland fruit fly	Presenter: Ms Lara-Simone Pretorius Topic: Viral small RNAs that target plant genes and artificial miRNA that target plant viruses
16:30-16:45	Presenter: Dr Andrew Chen Topic: Genetic dissection of Foc resistance using <i>Musa acuminata</i> ssp. <i>malaccensis</i>	Presenter: Dr Lawrence Kawchuk Topic: Evolution of <i>Phytophthora infestans</i> and disease prevention strategies	Presenter: Dr Matevz Papp-Rupar Topic: Control of <i>Botrytis cinerea</i> in industrial horticulture by pulsed UV light induced plant defences	Presenter: Prof Jon West Topic: Comparison of rooftop and field-based air samplers for early detection and population monitoring of plant pathogens	Presenter: Dr Monica Kehoe Topic: Next generation sequencing of resistance breaking <i>Tomato spotted wilt virus</i> from WA and QLD
16:45-17:00	Presenter: Dr Sharl Mintoff Topic: Varietal screening trial to identify banana varieties highly tolerant or resistant to <i>Fusarium oxysporum</i> f.sp. <i>cubense</i>	Presenter: Dr Katherine Linsell Topic: Diversity of root lesion nematode populations in Australian cropping regions and implications for PreDicta B	Presenter: Dr Falk Kalamorz Topic: Sucrase inhibitors as insecticides against sap-feeding insects	Presenter: Dr Kelly Hill Topic: Development of probes and platforms for the detection and identification of captured fungal spores	Presenter: Prof Elliot Kitajima Topic: Diversity of Brevipalpus-transmitted plant viruses

17:00-17:30 Closing Ceremony - Poster and Student Talk Awards

Room: Plaza Auditorium

*Program correct at time of printing and subject to change without notice.