



39th Australasian Polymer Symposium

7-10 December 2025
Canberra Rex Hotel



PRELIMINARY PROGRAM

Sunday 7 December 2025

		Location
1100 - 1530	Exhibitor Bump In	
1300 - 1700	Registration Desk Opens	
1600 - 1630	Welcome to the 39th Australasian Polymer Symposium Professor Luke Connal, Convenor	
1630 - 1715	Plenary Presentation 1 Well-Defined Ultra-High Molecular Weight Polymers: From Multifunctional Materials to Mucosal Medicine Brent Sumerlin, University of Florida	
1715 – 1745	David Sangster Awardee The Wonderful Functional World of Poly(Cyclic Imino Ether)s: Exploiting their Chemical Versatility for (Bio)Materials Design A/Prof Kristian Kempe	
1800 - 2000	Welcome Reception	



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Monday 8 December 2025

0800 - 1800	Registration Desk Opens			
0800 - 1800	Speaker Room Opens			
0830 - 1600	Trade Exhibition Opens			
	Plenary Session			
0900 – 0910	Welcome to Day 2			
0910 - 0955	Plenary Presentation 2 The Design of Stimuli Responsive Materials: From Drug Delivery to Advanced Manufacturing Prof Georgina Such, The University of Melbourne			
0955 - 1025	Morning Refreshments & Trade Exhibition			
	Polymers for Health	Advanced Polymer Synthesis and Characterisation	Polymer Sustainability	Composites, Colloids and Processing
Location:				
Chair:	Dr Johannes C Brendel & Dr Kristian Kempe University of Bayreuth & Monash University	A/Prof Markus Muellner The University of Sydney	Dr Zhongfan Jia Flinders University	Dr Nathan Boase QUT

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	Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker
1030 – 1100	Commercialisation of complex polymers for medical use and regulatory considerations Stewart Bartlett & Dr Melanie Nelson Ferronova Pty Ltd	Sugar, Polyphenolic, and Catechol Motifs for Polymeric Materials Dr Samantha Kristufek Texas Tech University	Biodegradable polyhydroxyalkanoates – toughening, modification and applications Prof Bronwyn Laycock The University of Queensland	Polymer brushes: A platform for understanding specific ion effects and hypersaline environments Prof Erica Wanless University of Newcastle
1100 - 1115	Modular Dendronised Amphiphilic Peptide Oligomers as a platform for nucleic acid delivery Lennart Schaefer University of Western Australia	Exploitation of Triazine-Based Hydrogen Bonding Motifs in Soft -Hard Diblock Copolymers via RAFT Emulsion Polymerization: Synthesis and Film Formation Farah Haque University of New South Wales	Biobased Polymers from Biomass: Thiol–ene Polymerisation of Levoglucosenone-based Monomers Mr Mahesh Timilsina University of Tasmania	Flame-retardant Coating based on Natural Rubber Latex and Acrylic Emulsion Blends Dr Nabil Hayeemasae Prince of Songkla University
1115 - 1130	Synthetic mimics of natural proteins Dr Robert Chapman University of Newcastle	Multiblock Copolymer Nanoparticles from RAFT Emulsion Polymerization: Synthesis and Film Formation Seyed Ahmad Ayati Najafabadi University of New South Wales	Selective sequestration of palladium(II) cations using a supramolecular polymer approach Jason Buchanan Australian National University	Defect Free Rubbery Hyperbranched PEG-based Gas Diffusion Membranes Tommy Hatzimanolis Australian Institute for Bioengineering and Nanotechnology



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1130 – 1145	<p>Don't FRET About It: Investigating Polymer and Nucleic Acid complexation for siRNA cancer therapies with Förster Resonance Energy Transfer (FRET)</p> <p>Jarrold Hillyer University of New South Wales</p>	<p>Standard Melting Enthalpy of Polycaprolactone Determination Through a Sequence-defined Oligocaprolactone Synthesis Approach</p> <p>Thayanithi Ayyachi Queensland University of Technology</p>	<p>Recyclable Polyethylene Analogs by Trisulfide Metathesis Polymerization</p> <p>James Smith Flinders University</p>	<p>Bioinspired mechanochromic vitrimers based on chiral nematic cellulose nanocrystals</p> <p>Dr David Mendoza Monash University</p>
1145 - 1200	<p>Controlled Drug Release Properties from PEDOT Cyclodextrin Composite Nanofilms Synthesised Using Surface Tethered Dopant Templating</p> <p>Williams Kweku Darkwah Deakin University</p>	<p>Flash DSC Characterization of Crystallization Kinetics in the Recycled PE/PP Blends and their Calcium Carbonate Composites</p> <p>Dr Wenbing Hu Nanjing University</p>	<p>Sustainable production and chemical modification of unsaturated polyhydroxyalkanoates via waste valorisation and plasticization</p> <p>Fatema Tuz Zohora Monash University</p>	<p>Ultrathin MXene/Nanocrystalline Cellulose Nanocomposite Films with Absorption Dominant EMI Shielding for Future Electronics</p> <p>Yashodha Kondarage Queensland University of Technology</p>
1200 – 1215	<p>Engineering next generation bioinspired antibacterial polymers</p> <p>Sandra Jestin Australian National University</p>	<p>Synthesis and Ring Opening Metathesis Polymerisation of O-Dialkoxy Paracyclophanedienes</p> <p>Dr Yurachat Janpatompong The University of Manchester</p>	<p>Making and unmaking poly(trisulfides): Recyclable plastics, IR optics, and gold sorbents</p> <p>Prof Justin Chalker Flinders University</p>	<p>An advanced automated continuous flow platform for high-throughput screening and autonomous particle size targeting in block copolymer self-assembly</p> <p>Lakshani Weeraratna Monash University</p>



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1215 - 1230	Predictive Modelling of Solvent Effects on Drug Incorporation into Polymeric Nanocarriers: A Machine Learning Approach Wei Ge University of New South Wales	Molar mass determination: Why Spectroscopy Can be Better than Chromatography Prof Tanja Junkers Monash University	Plastics as Insect Food: Design and Environmental Impact of Alternative Plastics Dr Nicholas Chan Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Antibacterial PLA by incorporating polymer-coated nanoparticles Dr Ivan Restrepo University Alberto Hurtado
1230 - 1245	Polymer Inhibitors of Penicillinase for Fighting Antimicrobial Resistance Palace Carter University of Newcastle	Simplifying synthesis through single-step polymer grafting Dr Joel Hooper Monash University	Enhancing Chemical Recycling via Controlled Radical Polymerization Using Continuous Flow Dr Gayathri Dev Ammini Monash University	Atomic-Level Regulation on Photocatalyst for Energy-Related Reaction Dr Jingrun Ran University of Adelaide
1245 - 1300	High-Performance Surface Polymer Brushes for Antifouling and Antibacterial Applications Dr Changkui Fu The University of Queensland	Rapid Stress-Release in Phenyl Crosslinked Polymers through Thiol-Thioester Exchange Chemistry Dr Md. Daloar Hossain The University of Queensland	Radical Ring-Opening Polymerization of α -Lipoic Acid: A New Strategy for Sustainable Vinyl Polymers Shiwei Han University of New South Wales	
1300 - 1400	Lunch & Trade Exhibition			



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	Polymers for Health	Advanced polymer synthesis and characterisation	Polymer Sustainability	Composites, colloids and processing
Location				
Chair	Dr Ruirui Qiao University of Queensland	Prof Tanja Junkers Monash University	Prof Justin Chalker Flinders University	Prof Erica Wanless University of Newcastle
	Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker
1405 - 1435	A Spoonful of Sugar: Designing Glycomaterials as Active Therapeutics in Cancer and Beyond Dr Cassandra Callmann The University of Texas at Austin	Dynamic Polymer Networks from Poly(Methacrylic Anhydrides) Prof Devon Shipp Clarkson University	Designs for Recyclable, Degradable, More Sustainable Polymers Dr Graeme Moad CSIRO	Unlocking the potential of piezoelectric and triboelectric polymers and their composites Prof Amanda Ellis The University of Melbourne
1435 - 1450	Sublingual Carboxymethylcellulose Film Containing Millingtonia hortensis Extract Exerts Anxiolytic Effects in Mice Dr Nifareeda Samerphob Prince of Songkla University	Beyond binding: A high-throughput approach for designing polymers suitable for enzyme encapsulation Carolyn Bapp University of Newcastle	Functionalisation of poly(3-hydroxybutyrate) via catalyst-free aminolysis Jayalakshmi Jayaprakash Monash University	Designing multifunctional waterborne polymer nanocomposites Dr Vipul Agarwal University of New South Wales

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1450 – 1505	<p>Tuning Lipoamide Delivery Systems for Enhanced Gene Delivery</p> <p>Dr Umeka Nayanathara The University of Melbourne Baker Heart & Diabetes Institute</p>	<p>Exploring Phenyl Vinyl Ketone Polymers as Non-Chemically Amplified Photoresists for EUV Lithography</p> <p>Yining Du The University of Queensland</p>	<p>Polymers from Cellulosic Waste: Direct Polymerization using DBU as a Catalyst</p> <p>Dr Brett Pollard Australian National University</p>	<p>Understanding how the interactions and morphology in composites of styrenic rubbers and carbon black define their performance as electrothermal heaters</p> <p>Dr Nathan Boase Queensland University of Technology</p>
1505 - 1520	<p>Advanced Antimicrobial Dendron via Cyclodextrin-Hydrophobic Inclusion Complexes</p> <p>Hao Luo University of New South Wales</p>	<p>Behavior of Photo-Chromic Dyes in Thermoplastic Rigid Polymers</p> <p>Prof Boris Gorelik Mobichem Scientific Engineering Ltd</p>	<p>Biodegradable food packaging materials</p> <p>Mai Trinh Phuong (Mel) Nguyen University of Adelaide</p>	<p>Structural characterisation of the upper critical solution temperature (UCST) thermotransition of an amino acid-containing polymer brush</p> <p>Zachary Di Pietro University of Newcastle</p>
1520 – 1535	<p>Reductive-Cleavable Enzyme-based Nanoparticles as Multifunctional Biomaterials</p> <p>Saluo Lai University of New South Wales</p>		<p>Selective Upcycling of Commodity PVC/PET Plastic Mixture via Mechanochemical Reaction</p> <p>Gyeongjin Kwon Yonsei University</p>	



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1535 – 1605	Afternoon Refreshments & Trade Exhibition			
	Polymers for Health	Advanced polymer synthesis and characterisation	Polymer Sustainability	Composites, colloids and processing
Location				
Chair	Dr Edgar Wong University of New South Wales	A/Prof Markus Muellner The University of Sydney	Dr Zhongfan Jia Flinders University	Dr Vipul Agarwal University of New South Wales
	Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker
1610 – 1640	Smart Fluorosurfactant-Enabled Microfluidic Droplet Generation for Tissue Engineering Applications Dr Ruirui Qiao University of Queensland	Photocatalytic Hydrogen Atom Transfer: A Strategy for Controlled Polymer Degradation, Depolymerization, and Functionalization Prof Cyrille Boyer University of New South Wales	Polymerizations with Elemental Sulfur and Commodity Sulfur Chemicals for High Performance Plastics Prof Jeffrey Pyun University of Arizona	RAFT design of aqueous-dispersed polymer nanostructures for organic electronics and photocatalytic applications Dr Thiago Guimares University of Bordeaux



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				Keynote Speaker
1640 – 1655	Unravelling the Mechanisms of Endosomal Escape via Emulsion Polymeric Nanoparticles for Improved Intracellular Delivery Sahan Samuditha Pathirannahalage Melbourne University	Polymer Chain Modification via HAT Chemistry and Its Application in Graft Copolymer Synthesis Manish Kumar University of New South Wales	A Sustainable High-Performance Polyurethane Coating with a Novel Acylhydrazone Diol Dr Donya Ramimoghadam CSIRO	Electrochemical characteristics of graphene based supercapacitor electrodes Dr Soney C George Amal Jyothi College of Engineering
1655 - 1710	RAFT Polymer-Modified Magnesium Hydride for Precision-Controlled Hydrogen Release in Biomedical Applications Tairan Quan University of New South Wales	Polystyrene-b-poly(tert-butyl acrylate) Copolymers via RAFT Emulsion Polymerization: Nanoparticle Morphology Tuning by Selective Hydrolysis Alireza Khatibi University of New South Wales	Continuous, Low Energy, Depolymerisation of Plastics Dr Samuel Smith CSIRO	
1715 - 1845	Poster Session			
1720 - 1723	RAPID FIRE Performance of Glass Fibre Reinforced Polymer Composites in Cryogenic Environments Jared Ng University of Canterbury			



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Tuesday 9 December 2025

0800 - 1800	Registration Desk Opens			
0800 - 1800	Speaker Room Opens			
0830 - 1600	Trade Exhibition Opens			
	Plenary Session			
0900 – 0910	Welcome Day 3 and Housekeeping			
0910 - 0955	Plenary Presentation 3 – Supramolecular Plastics for a Sustainable Future Dr Takuzo Aida, The University of Tokyo			
0955 - 1025	Morning Refreshments & Trade Exhibition			
	Polymers for Health	Advanced polymer synthesis and characterisation	Polymers in Energy	Biomaterials
Location				
Chair	Dr Cassandra Callmann The University of Texas at Austin	Prof Tanja Junkers Monash University	Prof Justin Chalker Flinders University	Prof Kristopher Kilian University of New South Wales

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	Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker
1030 – 1100	Static or Dynamic? The Role of Polymer Assembly Dynamics in Biological Interactions Dr Johannes C Brendel University of Bayreuth	Exploring Ring-Opening Polymerization in the Realm of Polyethers Prof Byeong-Su Kim Yonsei University	Trimodal Thermal Energy Storage Materials Dr Karolina Matuszek Monash University	Polymer Therapeutics and Vaccines for Diseases of Unmet Need Prof Cameron Alexander University of Nottingham
	Keynote Speaker		Keynote Speaker	
1100 - 1115	Advanced Antimicrobial Macromolecules Dr Edgar Wong University of New South Wales	Quantitative Evaluation of Crosslinking Efficiency in Worm-Like Nanoparticles Prepared via RAFT-Mediated Aqueous Emulsion PISA Zixiao Liu University of New South Wales	Sulfur-Rich Polymers for Sustainable and High-Performance Triboelectric Energy Harvesting Dr Jeong Jae Wie Hanyang University	Development of Hydrogels for Artificial Epidermis Applications Lilian Boton Australian National University
1115- 1130		Unimolecular, Core-Shell Polymer Bottlebrush-Based Signal Transducer Using Solvatochromatic Reporting Chenyou Zhang The University of Sydney		Polypeptide-based single chain nanoparticles inspired by proteins Devesh Maurya University of New South Wales



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1130 – 1145	Reliable Photopolymerization-Induced Self-Assembly of Protein and Enzyme Loaded Nanoparticles with Precision Control Over the System Variables Irma Vermeijlen The University of Queensland	Quaternary ammonium eutectogels as a printable, antimicrobial material platform Alma Nicolau University of Tasmania	Electrochemical Energy Storage in Polymers: Why and How? Dr Zhongfan Jia Flinders University	Determining the Standard Melting Enthalpy of Polycaprolactone through Fast Scanning Calorimetry aided by Automated Data Analysis through Machine Learning Thayanithi Ayyachi Queensland University of Technology
1145 - 1200	Investigations into Biodistribution of Nanoparticles using Microfluidic in Vitro Models Zeyan Xu University of New South Wales	Enabling Machine Learning for Polymers: Why Its Hard and What We Can Do Chloe Lin Australian National University	Verifying the ionic conductivity and ratio of bound water trade-off in photocatalytic seawater splitting Yihseh Chen Institute of Materials Science and Engineering	Elucidating Biomacromolecular Architectures through Photochemistry Dr Hendrik Frisch Queensland University of Technology
1200 – 1215	Gene Delivery with Dual pH- and GSH-responsive Lipoamide Polymers from Controlled Polymerization of Protected Lipoic Acid Fan Yang The University of Melbourne	Self-Assembly of Amorphous and Functional Polymer Nanodiscs in Water A/Prof Markus Muellner The University of Sydney	Advanced polymer microstructure engineering for optimizing 3D printed solid polyelectrolytes Qian Huang University of New South Wales	Oxygen-Tolerant Photo-RAFT-PISA for the In-Situ Synthesis of Reduction-Responsive Protein-Polymer Nanoparticles Dr Vinod Kumar Kannaujiya University of New South Wales



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1215 - 1230	pH-Responsive Bottlebrush Copolymer Nanodiscs with Tunable Size for Combating Cell Metastasis Ping Zeng The University of Sydney	Ultra-high molecular weight polymeric hydrogels Md Saifur Rahaman Australian National University	Anion Exchange Membrane Based on Tröger's Base Polymers of Intrinsic Microporosity Dr Basiram Brahma Narzary University of Queensland	Porous Polymer-Gel Hybrid Scaffolds for Tissue Engineering Prof Neil Cameron Monash University
1230 - 1245	The development of self-immolative nanoparticles to enhance endosomal escape Vajini Ukwattage The University of Melbourne		Cyclodextrin - Based Polymer Gels as High-Performance Cathode Materials for Four-Electron Zinc – Iodine Batteries Shangxu Jiang Flinders University	
1245 - 1345	Lunch & Trade Exhibition			

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	Polymers in Industry and Translation <i>With thanks to our Theme Sponsor</i> 	Additive Manufacturing	Polymers in Energy	Biomaterials
Location				
Chair	Dr Tim Davey Dulux	Dr Ali Bagheri University of New England	Dr Zhongfan Jia Flinders University	Dr Jan Lauko University of Queensland
	Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker
1350 - 1420	CO ₂ -Switchable Surfactants Enhance the Water Resistance of Latex-Based Coatings Prof Michael Cunningham Queens University	Using the (light-)switch in light-based 3D printing to create property-changes on demand Dr Katharina Ehrmann Technische Universität Wien	Organic Electrode-Active Materials for Polymer Batteries Dr Kenichi Oyaizu Waseda University	Engineering blood vessels and vascularized tissues: key steps towards clinical translation of tissue engineering Prof Andrea O'Connor The University of Melbourne

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	Keynote Speaker			
1420 – 1435	Solving Australia's plastic waste challenges through industry-driven collaborative research Dr Ian Dagley Solving Plastic Waste CRC	Fabrication of Lipoic Acid-Based Nanoporous Networks via Photoinitiated Polymerization-Induced Microphase Separation Xueheng Dai University of New South Wales	Band Engineering of Poly[Ni ₂ -ettbtt] Unlocks Record Performance in a 1D n-Type Thermoelectric Polymer Dr Jahanzeb Khan King Fahad University of Petroleum and Minerals	Polymer implants for delivery of vaccine boosters Prof Tim Dargaville Queensland University of Technology
1435 - 1450		Xolography for Rapid Volumetric Production of materials from the Nanoscopic to Macroscopic Length Scales Xichuan Li University of New South Wales	Radical oligomer-grafted cellulose as a cathode for sustainable aqueous zinc ion battery Chanaka Mudugamuwa Flinders University	Influence of AFM cantilever calibration and contact mechanics modelling on the nanomechanical properties of protein films Kshitij Thapa University of Canterbury



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1450- 1505	Finding your next research idea in the patent literature Dr Mitchell Nothling Griffith Hack	3D Printing Resin Chemistry via Polymerizable Eutectic Mixtures A/Prof Stuart Thickett University of Tasmania	Anhydrous Proton Conducting Membranes based on protic polymerized ionic liquids for Intermediate-Temperature Proton Exchange Membrane Fuel Cells Dr Faezeh Makhlooghiazad Deakin University	Diet impacts on black soldier fly growth and chitin/chitosan production Risa Otake Southern Cross University
1505 - 1520	Polymer Formation in the Caprolactone Monomer Production Process Dr Yurachat Janpatompong The University of Manchester	Open-Air, Ultrafast Photoiniferter Polymerisation Enables 3D Printing with Low-Viscosity Resins Dong Su University of New South Wales		Impact of End-Cap Variations on Endosomal Escape of Self-Immolative Polymers Bin Leng The University of Melbourne
1525 – 1555	Afternoon Refreshments & Trade Exhibition			
Location				
Chair	Nathan Boase, Queensland University of Technology			



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1600 - 1620	Rising Stars in Oz Polymers
1620 - 1640	Morphological Design of Unconventional Polymer Nanostructures and Their Implications in Nanomedicine Dr Valentin Bobrin The University of Queensland
1640 - 1700	Covalent capture of polymer nanoparticles, vesicles and nanoparticle-stabilised oil droplets on hydrophilic polymer brushes Dr Edwin Johnson University of Newcastle
1720 - 1740	Making and un-making poly(trisulfides) with light: precise regulation of radical concentrations via pulsed LED irradiation Dr Thomas Nicholls Flinders University
1740 - 1800	Synthesis of Degradable Vinyl Copolymers Based on Lipoic Acid via Ab Initio Emulsion Polymerization Dr Yasemin Fadil University of New South Wales
1810 - 1910	Annual General Meeting
1900 – 2030	Student Night
1900 - 2100	E/MCRs Night Out



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Wednesday 10 December 2025


0800 - 1600	Registration Desk Open	
0800 - 1600	Speaker Room Opens	
0830 - 1545	Trade Exhibition Opens	
	Plenary Session	
0900 – 0910	Welcome Day 4 and Housekeeping	
0910 - 0955	Plenary Presentation 4 Synthesis as a Tool for Expanding the Scope of Semiconducting Polymers Dr Christine Luscombe, Okinawa Institute of Science and Technology	
0955 - 1025	Morning Refreshments & Trade Exhibition	

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	Polymers in Industry and Translation <i>With thanks to our Theme Sponsor</i> 	Additive Manufacturing	Polymer Sustainability	Composites, colloids and processing
Location				
Chair	Dr Priya Subramanian Dulux	A/Prof Stuart Thickett University of Tasmania	Prof Justin Chalker Flinders University	Dr Thiago Guimares University of Bordeaux
	Keynote Speaker	Keynote Speaker	Keynote Speaker	Keynote Speaker
1030 - 1100	Polymeric additives in dry-mix mortars to help reduce green house gas emissions Harold Schoonbrood Dow	Title TBC Dr Ali Bagheri University of New England	Title TBC Dr Lalevesh Moghaddam The University of Queensland	High char yield polymers and their application in high temperature composite applications Dr Michael Heitzmann The University of Queensland

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	Keynote Speaker	Keynote Speaker		
1100 - 1115	Polymer Banknote Sustainability and the Underestimated Art of Upscaling Dr Holger Krumm CCL Secure	Multiscale Control of Shape and Materials Chemistry in Photoinduced 3D Printing Dr Nathaniel Corrigan University of New South Wales	Degradable Polymer Films: RAFT-mediated Emulsion Copolymerization of Lipoic Acid with Vinyl Monomers Dr Steven Thompson University of New South Wales	Robustness of emulsion-based polymerization techniques for preparation of polymer nanocomposite coatings Yue Zhang University of New South Wales
1115 - 1130			Water harvesting polymers Moki Thanusing Australian National University	Green design of bio-based dual-network keratinopolysaccharide hydrogels with enhanced structural integrity Junfeng Wu University of Canterbury
1130 – 1145	Poly(hydroxybutyrate)-based Smart Films for Drug Delivery Applications. Dr Vinod Kumar Kannaujiya University of New South Wales	Nanostructure control of 3D printed materials by macromolecular architecture design Di Wu University of New South Wales	Enzymatic epoxy-acid vitrimer curing explored by model reactions and rheology April Synhur Monash University	Mechanically and Electrically Robust Polymer/rGO Nanocomposite Coatings Synthesis via Miniemulsion Polymerization for Corrosion Protection of Steel Siti Humairah Harun University of New South Wales

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1145 - 1200	Characterising the multiple-plastic degrading strain of Bacillus subtilis GM_03 from the Galleria mellonella microbiome Fiona Facey Macquarie University	Direct Ink Writing of Nanostructured Thermosetting Materials via Block Copolymer Self-Assembly Yuan Xiu University of New South Wales	Enzyme-Inspired Design of Polymer-Supported Catalysts for Applications in Electrochemistry Imogen Smith Flinders University	RAPID FIRE Performance of Glass Fibre Reinforced Polymer Composites in Cryogenic Environments Jared Ng University of Canterbury
1200 – 1215	Advances in Light Scattering Detection for the Characterization of Polymers Used in Drug Delivery Dr Snezana Dordevic Tosoh Bioscience			
1215 - 1315	Lunch & Trade Exhibition			
	Polymers in Industry and Translation <i>With thanks to our Theme Sponsor</i> 	Polymer Sustainability	Biomaterials	



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Location			
Chair	Dr Ramon Tozer Davies Collison Cave	Dr Zhongfan Jia Flinders University	Prof Kristopher Kilian University of New South Wales
	Keynote Speaker	Keynote Speaker	Keynote Speaker
1320 - 1350	Translational Research – From Benchtop to Banknote Sani Muke Reserve Bank of Australia	Measuring Quality and Quantity when Recycling Plastics Prof Michael Shaver University of Manchester	Phototunable control of hydrogel stress relaxation for creating 3D cellular microenvironments Prof Steven Caliri University of Virginia
	Keynote Speaker	Keynote Speaker	Keynote Speaker
1350 - 1420	Bridging synthesis with application of conducting polymers Prof Drew Evans University of South Australia	Sustainable Polymer and Composite development at CSIRO Dr Ranya Simons CSIRO	Elucidating distinct roles of extracellular matrix in cardiac aging Asst Prof Jennifer Young National University of Singapore
1420 - 1450	Afternoon Refreshments & Trade Exhibition		



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	Plenary Session
1455 - 1540	Plenary Presentation 5 Pushing the Limits of Polymer Science through Sustainable Building Blocks Craig Hawker
1540 - 1600	Awards Presentation & Symposium Conclusion Professor Luke Connal, Australian National University
1900 - 2300	Symposium Dinner