

# 4<sup>th</sup> China-Australia Polymer Meeting (CAPM-4) Program

Level 1 Seminar Room, Australian Institute for Bioengineering and Nanotechnology (AIBN), The University of Queensland, Brisbane, QLD, Australia

28<sup>th</sup>-29<sup>th</sup> September 2017

	Thursday 28 <sup>th</sup> September	Friday 29 <sup>th</sup> September
8:45 AM - 9:00 AM	<b>Welcome Prof Iain Watson, Deputy Vice Chancellor External Engagement, UQ</b>	
	Chair: Andrew Whittaker	Chair: Chengzhong Yu
9:00 AM - 9:25 AM	Professor Alan Rowan - The University of Queensland - <i>Biomimetic Materials</i>	Professor Ben Zhong Tang - Hong Kong University of Science and Technology - <i>AIE-Active Functional Polymers</i>
9:25 AM - 9:50 AM	Professor Yanchun Han - Changchun Institute of Applied Chemistry CAS - <i>Morphology of Conjugated Polymer Films from Controlled Solution Aggregation</i>	Professor Cyrille Boyer - The University of New South Wales - <i>Design of Functional Polymers Using Visible Light</i>
9:50 AM - 10:15 AM	Professor Zhengbiao Zhang - Soochow University - <i>Precision Synthesis of Polymers Based on Furan/maleimide Dynamic Covalent Bond</i>	Dr Zhongfan Jia - The University of Queensland - <i>Nitroxide Radicals Meet Polymer Chemistry: Synthetic Tool And Energy Material</i>
10:15 AM - 10:40 AM	Professor Afang Zhang - Shanghai University - <i>Confinement within Thermoresponsive Dendronized Polymers</i>	Professor Xiaobing Lyu - Dalian University of Technology - <i>Asymmetric Meso-Epoxyde Copolymerization</i>
10:40 AM - 11:10 AM	Morning Tea	Morning Tea
	Chair: Afang Zhang	Chair: Yongming Chen
11:10 AM - 11:35 AM	Professor Xinhua Wan - Peking University - <i>Helical Poly(Phenylacetylene)s: Stereomutation, Switchable Chiral Amplification, and Circularly Polarized Luminescence</i>	Professor Chengzhong Yu - The University of Queensland - <i>Designer Nanoparticles for Drug Delivery</i>
11:35 AM - 12:00 PM	Dr Xiaojuan Hao – CSIRO - <i>RAFT Polymers for Biomedical Applications and in Vivo Biocompatibility Evaluation</i>	Professor Jie Zhang - Peking University - <i>Inorganic-organic Hybrid Assembled Materials Based on Block Copolymers and Polyoxometalates</i>
12:00 PM - 12:25 PM	Professor Yuguo Ma - Peking University - <i>Reaction Under Pressure: Compression-induced Polymerization and Isomerization</i>	Professor Junpo He - Fudan University - <i>Anionic Polymerization of Disubstituted Butadiene for Precursors of Alternating Copolymers</i>

	Thursday 28 <sup>th</sup> September	Friday 29 <sup>th</sup> September
12:25 PM – 1:25 PM	Lunch	Lunch
	Chair: Junqi Sun	Chair: Xiaojuan Hao
1:25 PM – 1:50 PM	Professor Michelle Coote - Australian National University - <i>Revising the Mechanism of Polymer Autoxidation</i>	Professor Meifang Zhu - Donghua University - <i>Multi-scale and Multi-dimensional Smart Gel-based Materials via Organic-inorganic Hybrid Strategy</i>
1:50 PM – 2:15 PM	Professor Yongming Chen - Sun-Yat Sen University - <i>Post-modification of Polyolefin by C-H Activation</i>	Professor Iyer Swaminathan - The University of Western Australia - <i>Enabling Non-viral Genome Engineering for Breast Cancer by Targeted Intravenous CRISPRa</i>
2:15 PM – 2:40 PM	Dr Xiaoqing Zhang – CSIRO - <i>Surface Activation and Multifunctional Coating Technologies for Aircraft Applications</i>	Dr Johan Basuki – CSIRO - <i>Saving Vision with Light: Photo-modulated Ocular Drug Delivery</i>
2:40 PM – 3:05 PM	Professor Dongmei Cui - Changchun Institute of Applied Chemistry CAS - <i>Stereo- and Temporal Switch Coordination Polymerization of Conjugated Dienes and Styrene</i>	Professor Junqi Sun - Jilin University - <i>Mechanically Reinforced and Recyclable Polymer Composites with Self-healing Ability</i>
3:05 PM – 3:30 PM	Afternoon Tea	Afternoon Tea
	Chair: Michelle Coote	Chair: Meifang Zhu
3:30 PM – 3:55 PM	Professor Xuming Xie - Tsinghua University - <i>Super Tough Hydrogels with Homogenous Ionic Crosslinks Through Construction of Ion Channels</i>	Professor Andrew Whittaker - The University of Queensland - <i>Directing Surface Segregation in Thin Polymeric Films</i>
3:55 PM – 4:20 PM	Professor Feng Yan - Soochow University - <i>Ionic Liquid-based Polyelectrolyte Membranes: Synthesis &amp; Applications</i>	Professor Zhaohui Su - Changchun Institute of Applied Chemistry CAS - <i>Modulation of Surface Wettability with Multilayer Thin Films</i>
4:20 PM – 4:45 PM	Professor Zong-Quan Wu - Hefei University of Technology - <i>Helix-sense Controlled Living Polymerization of Achiral Phenyl Isocyanides Using Chiral Pd(II) Initiators</i>	Professor Linqi Shi - Nankai University - <i>Self-assembled Molecular Chaperone Mediated Smart Crossing the Biological Barriers</i>
4:45 PM – 5:10 PM	Professor Greg Qiao - University of Melbourne - <i>Sono-RAFT, Snapps and Superbugs</i>	<b>Concluding Remarks</b>
5:10 PM – 6:00 PM		Tour of AIBN