



Thursday 7 August

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| 17:30 – 19:00 | Registration, Tea and Coffee |
| 18:00 | Student – Speaker Mixer (By reservation only) |
| 19.00 | Welcome Reception |
| 20:30 | Close |

Friday 8 August

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| 08:30 | Registration, Tea and Coffee |
| | Session 1: Metal-Catalysed Asymmetric Reactions Session Chair: Kuiling Ding |
| 09.00 | PLENARY: Enantioselective Catalysis With Cations and Anions Professor Dean Toste <i>University of California, Berkeley, USA</i> |
| 09:45 | CONTRIBUTING: Directing Asymmetric Catalysis with Octahedral Centrochirality Eric Meggers <i>Philipps-University Marburg and Xiamen University, Germany</i> |
| 10:10 | PLENARY: Highly Efficient Asymmetric Hydrogenations with Chiral Spiro Ligands Professor Qi-Lin Zhou <i>Nankai University, China</i> |
| 10:55 | Coffee Break |
| | Session Chair: Dave MacMillan |
| 11:25 | PLENARY: Metal-Catalyzed Cross-Coupling Reactions Professor Greg Fu <i>Caltech, USA</i> |
| 12:25 | PLENARY: Assembly Line Synthesis Professor Varinder Aggarwal <i>University of Bristol, UK</i> |
| 13:10 | Lunch |
| | Session Chair: Cristina Nevado |
| 14:10 | PLENARY: Sidearm Strategy for Catalysts in the Remote Control of Enantioselection and Related Professor Yong Tang <i>Shanghai Institute of Organic Chemistry, China</i> |
| 14:55 | CONTRIBUTING: Asymmetric olefin transfer hydrogenation using first-row metal catalysts Steve Zhou |

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| | <i>Nanyang Technological University, Singapore</i> |
| 15:20 | PLENARY: Catalysis with high oxidation state organometallics Professor Matthew Gaunt <i>University of Cambridge, UK</i> |
| 16:05 | Coffee Break |
| 16:35 | PLENARY: A few of my favorite rings: Catalysis inspired by lactones and lactams Professor Vy Dong <i>University of California, Irvine, USA</i> |
| 17:20 | PLENARY: Title TBC Professor Dave MacMillan <i>Princeton University, USA</i> |
| 18:05 | Poster Session and Wine Reception <i>Sponsored by Organic & Biomolecular Chemistry</i> |
| 20:00 | Close of Sessions |

Saturday 9 August

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| | Session 2: Metal-Catalysed New Reactions Session Chair: Jonathan George |
| 09:00 | PLENARY: Title TBC Professor Christina White <i>University of Illinois at Urbana-Champaign, USA</i> |
| 09:45 | CONTRIBUTING: Arene-Metal π-Complexation as a Traceless Reactivity Enhancer for C–H Arylation Igor Larossa <i>Queen Mary University of London, UK</i> |
| 10:10 | PLENARY: Metal-catalyzed Activation of C–O Bonds and Carbon Dioxide Dr Ruben Martin <i>Institute of Chemical Research of Catalonia (ICIQ), Spain</i> |
| 10:55 | Coffee Break |
| 11:25 | PLENARY: Radical, Cationic and Redox Mechanisms towards Alkene Functionalizations: a Fruitful Interplay Professor Cristina Nevado <i>University of Zurich, Switzerland</i> |
| 12:10 | CONTRIBUTING: Direct amination of C–H Bonds by C–H Zincation and Copper-Catalyzed Electrophilic Amination Wang Qiu <i>Duke University, USA</i> |
| 12:35 | Lunch |
| | Session 3: Total Synthesis Session Chair: Steve Goldup |
| 13:40 | PLENARY: Taking risks in complex synthesis design Professor Erik Sorensen <i>Princeton University, USA</i> |
| 14:25 | CONTRIBUTING: Symbiont Derived Natural Products: Discovery and Biosynthesis Ren Xiang Tan <i>State Key Laboratory of Pharmaceutical Biotechnology, Nanjing University,</i> |

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| | <i>China</i> |
| 14:50 | Coffee Break |
| 15:20 | CONTRIBUTING: Total Synthesis of Bioactive Natural Products: Taiwaniaquinol B and Gracilamine Shuanhu Gao <i>East China Normal University, China</i> |
| 15:45 | PLENARY: Recent progress in the total synthesis of natural products Professor Dawei Ma <i>Shanghai Institute of Organic Chemistry, China</i> |
| 16:30 | CONTRIBUTING: Efficient Total Synthesis of Natural Products Using Biomimetic Cascade Reactions Jonathan George <i>University of Adelaide, Australia</i> |
| 16:55 | Poster Session and Membership Reception <i>Sponsored by Frontiers in Organic Chemistry</i> |
| 19:00 | Close of Sessions |

Sunday 10 August

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| | Session 4: Organocatalysis Session Chair: Shuli You |
| 09:00 | PLENARY: Design of New Organoradical Catalysts for Selective C-H Activation and Asymmetric Cyclization Professor Keiji Maruoka <i>Kyoto University, Japan</i> |
| 09:45 | CONTRIBUTING: Metal-Free Alkene Dihydroxylation Nicholas Tomkinson <i>University of Strathclyde, UK</i> |
| 10:15 | CONTRIBUTING: An Efficient Chiral Auxilliary Approach to Mechanically Planar Chiral Rotaxanes Steve Goldup <i>Queen Mary University of London, UK</i> |
| 10:45 | Coffee Break |
| 11:15 | CONTRIBUTING: Kinetic Resolution of Oxindole-Derived Tertiary Alcohols and Axial Chiral BINOL and NOBIN Derivatives through NHC-Catalyzed Esterification Yu Zhao <i>National University of Singapore, Singapore</i> |
| 11:45 | PLENARY: The Use of Aromatic Ions for the Design of Highly Reactive Organocatalysts Professor Tristan Lambert <i>Columbia University, USA</i> |
| 12:30 | Closing Remarks |