

Mon 28 th Nov (Day 1)		Tues 29 th Nov (Day 2)		Wed 30 th Nov (Day 3)*	
9:00-9:10 Conference Opening Margaret Sheil					
Advances in MS		Biological MS		Advances in Organic Chemistry	
M01 - Plenary 9.10 – 10.00	Michael Bowers Ion Mobility Methods In Mass Spectrometry: Application to Biological Molecules and Complexes	T01 - Plenary 9.10 – 10.00	Ian Blair Analysis Of Novel Endogenous DNA- And Glutathione- Adducts By Mass Spectrometry	W01 - Plenary 9.10 – 10.00	Ted Molinski Marine Natural Products –Solutions To Complex Problems In Stereochemistry
M02 10.00 – 10.20	Hadie Lioe SID FT-ICR MS Studies On The Energetics And Dynamics Of Unimolecular Dissociation Of Protonated Peptide Containing A Methionine Sulfoxide Residue	T02 10.00 – 10.20	Michelle Colgrave The Role Of Mass Spectrometry In The Discovery, Stability And Cyclisation Of Circular Proteins	W02 10.00 – 10.20	Mary Gresser Aromatic Substitution Effects On The Sharpless Asymmetric Dihydroxylation Of Allylic Alkenes
M03 10:20-10:40	Stewart Walker Mass Spectrometry In The Fight Against Crime And Cancer	T03 10:20-10:40	Michael Thomas Ozonolysis Of Phospholipid Double Bonds During Electrospray Ionization: A New Tool For Structure Determination	W03 10:20-10:40	Emma Pearson A Computational And Experimental Investigation Into An Intramolecular Diels-Alder Reaction – A Total Synthesis Of Δ9-THC
10:40 - 11.20		Morning Refreshments			
M04 – Keynote 11:20-12.00	Michael Guilhaus From Large Instruments For The Smallest Molecule To Small Instruments For The Largest Molecules – Theory, Simulation And Experiment In An Advancing Technology	T04 – Keynote 11:20-12.00	Roger Truscott Peering Through The Waterfall	W04 – Plenary 11:20-12.00	Rainer Herges Aromatics Do The Twist: The Synthesis Of The First Möbius Annulene
M05 12.00-12.20	Patrick James Sources Of Artefacts In The Electrospray Ionization Mass Spectra Of Saturated Diacylglycerophosphocholines	T05 12.00-12.20	Adrian Lam Using Ternary Metal Complexes To Model Electron Transfer Processes Of DNA In The Gas Phase	W05 12.00-12.20	David Harman Cutting Diamonds By Mass Spectrometry: Oxidation Of Bridgehead Adamantyl Radicals
M06 12.20 – 12.40	Richard O'Hair Using The Isolobal Analogy To Direct The Search For Novel Gold Analogues Of H ₃ ⁺	T06 12.20 – 12.40	Todd Mitchell Lipids And Lifespan: Examining The Membrane Pacemaker Theory Of Aging	W06 12.20 – 12.40	Andrew Phillis Exploitation Of Novel Cyclopropane Ring-Cleavage Reactions In The Rapid Assembly Of Tetracyclic Frameworks Related To The Gibberellins
12:40-1.50		Lunch			
MS instrumentation: Current trends / Future directions		Bioactive compounds & Drug design		Advances in Organic Chemistry	
M07 – Plenary 1.50 -2:40	Jason Wildgoose Travelling Wave Enhanced ESI ToF Mass Spectrometry	T07 – Plenary 1.50 -2:40	Ted Molinski Modulation Of Ca ²⁺ Mobilization By Small Molecule Marine Natural Products	W07 – Plenary 1.50 -2:40	Jonathan Clayden Atropisomers And Their Asymmetric Synthesis: Expanding The Role Of Conformational Control
M08 2:40-3.00	George Khairallah Toward A New Catalytic Cycle For The Oxidation Of Alcohols.	T08 2:40-3.00	Stephen Watt Probing Structural Properties Of The DNAb Helicase By Electrospray Ionisation Mass Spectrometry	W08 2:40-3.00	Katie Cergol The Boron-Mediated Ketone–Ketone Aldol Reaction: Applications To The Synthesis Of Sterically-Congested Chiral Scaffolds
M09 3.00-3.20	Evan Bieske Lasers, Nanoparticles And A Quadrupole Ion Trap	T09 3.00-3.20	Gabriel Padilla Biological Approaches For The Study Of The Antitumoral Producer <i>Streptomyces Olindensis</i>	W09 3.00-3.20	Davor Margetić Molecular Design And Complexation Properties Of Supramolecular Bis-Porphyrin "Molecular Tweezers"
3:20-3:50		Afternoon Refreshments			
M10 – Plenary 3:50-4:30	Jae Schwartz A New Era In Ion Trap Instrumentation	T10 – Keynote 3:50-4:30	John Bremner Dual Action-Based Approaches To New Antibacterial Design	W10 – Keynote 3:50-4:30	Steve Pyne Chiral B-Amino Alcohols: Useful Building Blocks For Alkaloid Synthesis
M11 4:30 -4.50	Christopher Barlow Metal Mediated Formation of Gas-Phase Amino Acid Radical Cations	T11 4:30 -4.50	John Carver Pursuits In Adelaide: Chaperones And Rugby	W11 4:30 -4.50	Kelly Ann Fairweather Towards The Synthesis Of The Marine Natural Product, Diisocyanoadociane
M12 4:50-5.10	Bridget Wilcken Evaluation of Newborn Screening by Mass Spectrometry			4:50-5.10	Presentation of Student Prizes
M13 Halpern Lecture 6:00-7:00	Public Lecture (Bldg 67) Roger Summons Mass Spectrometry, Biomarkers And Earth's Greatest Mass Extinction	5:15-8:15	Poster Session + trade display Cocktail party		Drinks/windup (Unibar)
7:30 pm	Dinner - Halpern Homily City Beach Surf Club				

*Day 3 Mass Spectrometry Workshops run in parallel with Organic Chemistry Sessions.