

ISE Satellite Student Regional Symposium on Electrochemistry / 20th Australian/New Zealand Electrochemistry Symposium (20ANZES)

Sunday 17th April 2016

Welcome	8:50	Title
Invited: Prof. Richard McCreery	9:00 – 9:35	Modified Electrodes in Solid-State Electronic Devices
Anna Farquhar	9:35 – 9:50	Modifying Free-Floating, Few-Layer Graphene Sheets via the Spontaneous Reaction of Nitrobenzene Diazonium Ions
Yang Liu	9:50 – 10:05	Visualisation of Diffusion Processes within Nanopore Arrays
Eva Alvarez de Eulate	10:05 – 10:20	Liquid-liquid interfaces supported by laser-ablated glass micro-pore membranes for electrochemical analysis
Morning tea/posters	10:20-11:00	
Bond Medal – Dr. Leigh Aldous	11:00 – 11:25	Electrolyte-driven focus on electrochemical methods of harvesting waste energy
Ghulam Hussain	11:25 – 11:40	Low-Concentration Detection of Ammonia Gas on Miniaturised Electrodes in Room Temperature Ionic Liquids
Jacqui Delaney	11:40 – 11:55	Mobile Phone Based Sensing with Transparent Electrodes for Enhanced Electrochemiluminescence Sensitivity
Colin Kang	11:55 – 12:10	The Electrochemical Behaviour of Trinitrotoluene (TNT) Reduction in Room Temperature Ionic Liquids (RTILs)
Lunch/posters	12:15 – 1:15	
Invited - Prof. Ulrich Stimming	1:15 – 1:50	Model Catalysts and Biological Molecules Investigated by Scanning Probe Microscopies
Md Abu Sayeed	1:50 – 2:05	Investigation of the applicability of amorphous Co(OH) ₂ on a gold support for electrochemical water splitting and glucose sensing
Tobias Baldhoff	2:05 – 2:20	Electrochemical Impedance Study of Oxide Films Formed During Electropolishing of Aluminium in Phosphoric Acid
Pranata Tanzila	2:20-2:35	The Effect of <i>Uncaria Gambir</i> Extract as Green Corrosion Inhibitor for Mild Steel in 3.5% NaCl Solution
Afternoon tea/posters	2:35 – 3:15	
Ruchika Ojha	3:15 – 3:30	EPR spectroscopic characterisation and fate of a monomeric Pt ^{III} species produced via electrochemical oxidation of anticancer compound <i>trans</i> -[Pt ^{II} [(<i>p</i> -BrC ₆ F ₄)NCH ₂ CH ₂ NEt ₂]Cl(py)]
M A Haghighatbin	3:30- 3:45	Spectroscopic, electrochemical and electrochemiluminescent properties of highly luminescent iridium(III) 1,2,4-triazole complexes
Bradley Stringer	3:45 – 4:00	Electrochemiluminescent energy transfer between d-metal donors and f-block lanthanide acceptors