

Poster Presentation Program

ISE Satellite Student Regional Symposium on Electrochemistry / 19th Australia/New Zealand Electrochemistry Symposium (19ANZES)

25-26th November 2013

P1	Dr. Paul Duckworth (eDAQ), A simple EIS method to determine trans-membrane conductivity of artificial phospholipid bilayers for the assay of ionophore activity
P2	Dr. Paul Clayton (MEP Instruments), Modelling stripping voltammetry signals to overcome the sloping/non-linear baseline problem and also resolve overlapping peaks.
P3	Prof. Álvaro Fontana (State University of Ponta Grossa), Synthesis of Derivative of Poly(<i>p</i> -phenylenevinylene) and Characterization for Application as Electrochemical Sensors.
P4	Prof. Jarem Garcia (State University of Ponta Grossa), A Strategy to Electropolymerization of Poly(2,5-Dicyano- <i>p</i> -Phenylenevinylene) on Different Substrates
P5	Mr. Michael Glenn (University of Newcastle), Electrochemical Carbon Oxidation Kinetics in a Ternary Carbonate Eutectic
P6	Mr. Mengchen Ge (UNSW), The electrochemical stability of alkanethiolate self-assembled monolayers in ionic liquids
P7	Mr. Edward Ogabiela (Monash University), Co-Entrapment of Gold Nanoparticles with Pyruvate Oxidase for Ultra-sensitive Potentiometric Detection of Phosphate
P8	Mr. Christian Gunawan (UNSW), Scanning Electrochemical Microscopy of Surface Immobilized Cytochrome C Peroxidase
P9	Ms. Yajing Yan (Deakin University), Ionic Liquid Electrolytes in Mg-Air Batteries
P10	Ms. Safura Taufik (UNSW), Formation of a Stable Sensing Interface based on Aryl Diazonium Salt and Gold Nanoparticle Modified on Gold Electrode
P11	Ms. Sri Hastuti Virgianti Pulukadang (University of Newcastle), Thin films of Electrodeposited Manganese Dioxide as Oxygen Reduction Catalysts
P12	Mr. Anton Frisk (RMIT University), Stability of Phosphonic Acid Monolayers on Platinum Surfaces
P13	Mr. Alexander Weremfo (UNSW), In Vitro Characterization of Electrochemically Roughened Platinum Microelectrode for Neural Stimulation
P14	Mr. Md. Mominul Haque (Macquarie University), Characterisation of Acid Red 1-entrapped Polypyrrole films
P15	Mr. Lachlan Carter (UNSW), Utilising Nanoparticle-Mediated Electrochemical Gating to Prepare a Novel Sensing Platform
P16	Mr. Shane O'Sullivan (Curtin University), Electrochemistry at gold nanowire electrodes in room temperature ionic liquids
P17	Ms. Ying Yang (UNSW), Electrochemical Characteristics of Anthraquinone-containing Self-assemble Monolayers on Silicon Electrode
P18	Mr. Krishnan Murugappan (Curtin University), Electrochemical Toxic Gas Sensing of Chlorine and Methylamine in Room Temperature Ionic Liquids (RTILs): A comparison between Micro Electrodes and Screen Printed Electrodes (SPEs)
P19	Mr. Changlong Xiao (UNSW), Electrochemical Determination of Trace Water in Non-aqueous Media
P20	Ms. Prity Kumari (Monash University), Label free DNA based affinity biosensor for detection of <i>Escherichia coli</i> : a kinetic control

P21	Mr. Noah Kebede (Latrobe University), Alternative Co-reactants for tris(2,2'-bipyridine)ruthenium(II) Electrogenerated Chemiluminescence
P22	Mr. Rainier Catubig (Deakin University), The use of thiol-containing inhibitors, cerium and praseodymium mercaptoacetate, as corrosion inhibitors on AA2024-T3
P23	Mr. Andrew Gibson (University of Newcastle), Phosphotungstic Acid – Manganese Dioxide Hybrid Materials Prepared By Anodic Deposition for Electrochemical Capacitor Applications
P24	Mr. Mahesh Vaka (Deakin University), The application of graphene based materials for electrochemical actuators
P25	Ms. Mahsa Esfahani (Swinburne University), Effect of Thiourea on the Structure and Corrosion Properties of Electrodeposited Zn-Sn
P26	Mr. Ali Balkis (RMIT University), Electrochemical restructuring of copper foil for enhanced nitrate detection
P27	Ms. Alison Chong (Monash University), Cetrimonium Nalidixate as a Multifunctional Inhibitor against Microbiologically Influenced Corrosion
P28	Mr. Md. Mokarrom Hossain (UNSW), Electrochemistry of chloride in ambient room temperature ionic liquids: Formation of oxychloride species
P29	Mr. Daniel Oppedisano (RMIT University), High Surface Area Electrodeposited Ruthenium and Ruthenium Oxides
P30	Mr. Bryan Suryanto (UNSW), Layer-by-layer Assembly of Transparent Graphene-based Composite Electrodes for Water Splitting
P31	Mr. David Tambaru (Latrobe University), Solid-State Electrochemiluminescence in Mobile Phone Paper Based Sensors
P32	Mr. Cheng Jiang (UNSW), Mixtures of Functionalized Aromatic Groups Generated From Diazonium Chemistry on Indium Tin Oxide Electrode Surfaces
P33	Ms. Lita Lee (University of Canterbury), Preparation of a Monolayer Tether based on the Electroreduction of a Protected Aryldiazonium Salt
P34	Mr. Motilal Mathesh (Deakin University), Graphene oxide hybrids bridged by copper ions for increased conductivity
P35	Mr. Peter Nguyen (Latrobe University), Towards electrochemically sensitized luminescence of lanthanide complexes using Ru(II) 2,2'-bipyridine analogues.
P36	Ms. Peipei Huang (Deakin University), Passivation of AA5083 Aluminium Alloy by Electrochemical Pretreatments in Ionic Liquids
P37	Mr. Mohd Zulkhairi Abdul Rahim (Monash University), Enhanced Amperometric Detection of Cholesterol by Co-Entrapment of Multiwalled Carbon Nanotubes and Gold Nanoparticles with Cholesterol Oxidase
P38	Mr. Shajahan Siraj (Macquarie University), Electrochemistry at Physically Small Carbon Electrodes Subjected to <i>n</i> -Butyl Silane Reduction
P39	Mr. Abbas Barfidokht (UNSW), Distance-Dependant Electron Transfer at Passivated Electrodes Decorated by Gold Nanoparticles
P40	Mr. Purnama Ningsih (University of Newcastle), Composite Electrodes of Polyaniline and Polypyrrole with Manganese Oxides for Electrochemical Capacitors
P41	Ms. Salmah Abdul Aziz (Curtin University), Electrochemical behaviour of enzyme inhibition at microITIES for pesticide detection