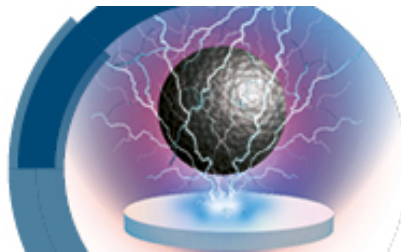


**Monday 29 November 2021 (GMT)**

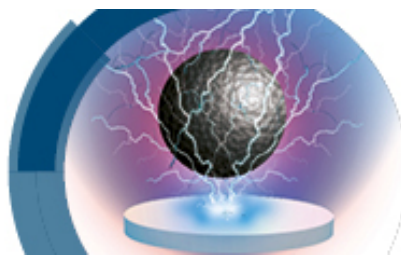
08:00	<b>Welcome and Introductions</b> Hong-Yuan Chen and Yitao Long, <i>Co-Chairs of Scientific Committee</i>
08:10	<b>Outline of Discussion Format</b> <i>Royal Society of Chemistry Publishing Editors</i>
08:20	<b>Introductory Lecture</b> Justin Gooding <i>University of New South Wales, Australia</i>
09:20	Break
	<b>Session 1 - Electrochemical data mining: from information to knowledge</b>
09:50	<b>Ultra-Low Noise Amplifier Array System for High Throughput Single Entity Analysis</b> Yi-Lun Ying <i>Nanjing University, China</i>
09:55	<b>Inclusion of Multiple Cycling of the Potential into Deep Neural Network Classification of Voltammetric Reaction Mechanisms</b> Luke Gundry <i>Monash University, Australia</i>
10:00	Discussion
10:50	Break

	<b>Session 2 - State of the art energy conversion at the nanointerface</b>
11:20	<b>Polyaniline nanowire arrays generated through oriented mesoporous silica films: effect of pore size and spectroelectrochemical response</b> Alain Walcarius <i>CNRS and The University of Lorraine, France</i>
11:25	<b>In situ surface enhanced Raman spectroscopy study of electrode–polyelectrolyte interfaces</b> Li Xiao <i>Wuhan University, China</i>
11:30	Discussion
12:10	<b>Poster session 1</b>
13:10	Break



### Monday 29 November 2021 Cont. (GMT)

	Session 3 - Emerging electrochemical methods at the nanointerface
15:00	<b>Electrochemical characterization of individual oil micro-droplets by high-frequency nanocapacitor array imaging</b> Serge Lemay <i>University of Twente, Netherlands</i>
15:05	<b>Hybrid scanning electrochemical cell microscopy-interference reflection microscopy (SECCM-IRM): Tracking phase formation on surfaces in small volumes</b> Dimitrios Valavanis <i>University of Warwick, UK</i>
15:10	<b>iR Drop in Scanning Electrochemical Cell Microscopy</b> Hang Ren <i>The University of Texas at Austin, USA</i>
15:15	<b>Electrochemically Probing Exciton Transport in Monolayers of Two-Dimensional Semiconductors</b> Caleb Hill <i>University of Wyoming, USA</i>
15:20	Discussion
17:00	Close of sessions

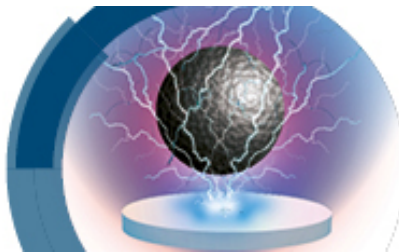


Tuesday 30 November 2021 (GMT)

Session 4 - Emerging electrochemical methods at the nanointerface (Cont.)	
08:00	<b>Formation sequence of solid-electrolyte-interphases and impacts on lithium deposition and dissolution on copper: an in-situ atomic force microscopic study</b> Bing-Wei Mao <i>Xiamen University, China</i>
08:05	<b>Nano-confined Electrochemical Reaction Studied by Electrochemical Surface Forces Apparatus</b> Kazue Kurihara <i>Tohoku University, Japan</i>
08:10	<b>Nanocollision mediated electrochemical sensing of host-guest chemistry at a nanoelectrode surface</b> Shuai Chang <i>Wuhan University of Science and Technology, China</i>
08:15	<b>Discussion</b>
09:30	Break

Session 5 - Emerging electrochemical methods at the nanointerface (Cont.)	
10:00	<b>Engineering PtCu Nanoparticles for Highly Efficient Methanol Electro-oxidation Reaction</b> Weilin Xu <i>Changchun Institute of Applied Chemistry, China</i>
10:05	<b>Lateral voltage as a new input for artificial lipid bilayer systems</b> Ayumi Hirano-Iwata <i>Tohoku University, Japan</i>
10:10	Discussion
11:00	Break

Session 6 - Advanced nanoelectrochemistry implementation: from concept to application	
14:30	<b>Potential-Induced Wetting and Dewetting in pH-Responsive Block Copolymer Membranes for Mass Transport Control</b> Paul Bohn <i>University of Notre Dame, USA</i>
14:35	<b>Nanopore-based measurement of the interaction of P450cam monooxygenase and putidaredoxin at single-molecule level</b> Shelley Minteer <i>University of Utah, USA</i>
14:40	<b>Carbon nanospikes coated nanoelectrodes for measurements of neurotransmitters</b> Jill Venton <i>University of Virginia, USA</i>
14:45	Discussion
16:00	Break



### Tuesday 30 November 2021 (GMT) Cont.

	<b>Session 7 - Advanced nanoelectrochemistry implementation: from concept to application (Cont.)</b>
16:30	<b>Development of multifunctional nanopipettes for controlled intracellular delivery and single-entity detection</b> Jin He <i>Florida International University, USA</i>
16:35	<b>Nanostructured carbon-fiber surfaces for improved neurochemical detection</b> Ashley Ross <i>University of Cincinnati, USA</i>
16:40	Discussion
17:30	<b>Close of sessions</b>

### Wednesday 1 December 2021 (GMT)

14:00	Poster session 2
	<b>Session 8 and closing remarks</b>
15:00	<b>Closing remarks</b> Patrick Unwin <i>University of Warwick, UK</i>
15:45	<b>Acknowledgements and prize giving</b> Hong-Yuan Chen and Yitao Long, <i>Co-Chairs of Scientific Committee</i>
16:00	<b>Close of event.</b>