



**Monday 18 January**

09:30	Registration, Tea and Coffee	
10:30	<b>Welcome addresses</b> <b>Professor David Phillips</b> , <i>Past President, Royal Society of Chemistry</i> <b>Professor Jaephil Cho</b> , <i>UNIST</i> <b>Professor Peter Bruce</b> , <i>University of Oxford, UK</i>	
	Session Chair: Sang-Young Lee, UNIST	
11:00	<b>The lithium-air battery</b> Peter G. Bruce <i>University of Oxford, UK</i>	INV01
11:30	<b>Na-ion batteries as a promising alternative to Li-ion batteries</b> Kyu Tae Lee <i>Seoul National University, Korea</i>	INV02
12:00	<b>Operation of rechargeable li-O<sub>2</sub> cells without CO<sub>2</sub> evolution</b> Seok Ju Kang <i>UNIST, Korea</i>	INV03
12:30	<b>RSC Publishing – Energy &amp; Environmental Science</b> Anna Simpson <i>Royal Society of Chemistry, UK</i>	
12:45	Lunch	
	Session Chair: Peter G Bruce, University of Oxford	
14:00	<b>Rechargeable seawater battery</b> Youngsik Kim <i>UNIST, Korea</i>	INV04
14:30	<b>Prussian blue analogues materials for energy storage applications</b> Mauro Pasta <i>University of Oxford, UK</i>	INV05
15:00	<b>Bi-functional complex perovskite catalyst upon defect chemistry</b> Jae-Il Jung <i>UNIST, Korea</i>	INV06
15:30	<b>In situ surface enhanced infrared spectroscopy studies of interfacial processes relevant to non-aqueous lithium-oxygen batteries</b> Laurence Hardwick <i>University of Liverpool, UK</i>	INV07
16:00	Poster Session and Wine Reception	
18:00	Close of sessions	

## Tuesday 19 January

	Session Chair: Jaephil Cho, UNIST	
09:00	<b>One-dimensional building block opportunity for flexible/high-performance lithium-ion batteries</b> Sang-Young Lee <i>UNIST, Korea</i>	INV08
09:30	<b>Probing structure and dynamics of nanoparticles for battery applications</b> Serena Corr <i>University of Glasgow, UK</i>	INV09
10:00	<b>Toward intimate ionic contacts in bulk-type all-solid-state lithium-ion batteries using sulfide solid electrolytes</b> Yoon Seok Jung <i>UNIST, Korea</i>	INV10
10:30	Morning Tea	
	Session Chair: Youngsik Kim, UNIST	
11:00	<b>Biomass-derived low cost negative electrodes in Na-ion batteries</b> Magda Titirici <i>Queen Mary University of London, UK</i>	INV11
11:30	<b>Functional electrolyte additives to improve cycling performance of electrodes at high rates</b> Nam-Soon Choi <i>UNIST, Korea</i>	INV12
12:00	<b><i>In situ</i> transmission electron microscopy studies on lithium battery electrodes</b> Hyun-Wook Lee <i>UNIST, Korea</i>	INV13
12.30	Lunch	
	Session Chair: Laurence Hardwick, University of Liverpool	
13:30	<b>Continuous hydrothermal scale-up manufacture of highly pseudocapacitive nanomaterial electrodes for high power applications</b> Jawwad Darr <i>University College London, UK</i>	INV14
14:00	<b>Organic-based electrode materials for rechargeable batteries</b> Sung You Hong <i>UNIST, Korea</i>	INV15
14:30	<b>Understanding degradation &amp; failure in lithium ion batteries</b> Gregory Offer <i>Imperial College London, UK</i>	INV16
15:00	<b>Considering the critical aspects of Li-rich cathode and Si anode materials for practical Li-ion battery applications</b> Jaephil Cho <i>UNIST, Korea</i>	INV17
15.30	Closing remarks and poster prizes	

Please note that this is a draft programme and timings may change.