



Monday 18 January

09:30	Registration, Tea and Coffee	
10:30	Welcome addresses Professor David Phillips , <i>Past President, Royal Society of Chemistry</i> Professor Jaephil Cho , <i>UNIST</i> Professor Peter Bruce , <i>University of Oxford, UK</i>	
	Session Chair: Sang-Young Lee, UNIST	
11:00	The lithium-air battery Peter G. Bruce <i>University of Oxford, UK</i>	INV01
11:30	Na-ion batteries as a promising alternative to Li-ion batteries Kyu Tae Lee <i>Seoul National University, Korea</i>	INV02
12:00	Operation of rechargeable li-O₂ cells without CO₂ evolution Seok Ju Kang <i>UNIST, Korea</i>	INV03
12:30	RSC Publishing – Energy & Environmental Science Anna Simpson <i>Royal Society of Chemistry, UK</i>	
12:45	Lunch	
	Session Chair: Peter G Bruce, University of Oxford	
14:00	Rechargeable seawater battery Youngsik Kim <i>UNIST, Korea</i>	INV04
14:30	Prussian blue analogues materials for energy storage applications Mauro Pasta <i>University of Oxford, UK</i>	INV05
15:00	Bi-functional complex perovskite catalyst upon defect chemistry Jae-II Jung <i>UNIST, Korea</i>	INV06
15:30	In situ surface enhanced infrared spectroscopy studies of interfacial processes relevant to non-aqueous lithium-oxygen batteries 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	One-dimensional building block opportunity for flexible/high-performance lithium-ion batteries Sang-Young Lee <i>UNIST, Korea</i>	INV08
09:30	Probing structure and dynamics of nanoparticles for battery applications Serena Corr <i>University of Glasgow, UK</i>	INV09
10:00	Toward intimate ionic contacts in bulk-type all-solid-state lithium-ion batteries using sulfide solid electrolytes Yoon Seok Jung <i>UNIST, Korea</i>	INV10
10:30	Morning Tea	
	Session Chair: Youngsik Kim, UNIST	
11:00	Biomass-derived low cost negative electrodes in Na-ion batteries Magda Titirici <i>Queen Mary University of London, UK</i>	INV11
11:30	Functional electrolyte additives to improve cycling performance of electrodes at high rates Nam-Soon Choi <i>UNIST, Korea</i>	INV12
12:00	<i>In situ</i> transmission electron microscopy studies on lithium battery electrodes Hyun-Wook Lee <i>UNIST, Korea</i>	INV13
12.30	Lunch	
	Session Chair: Laurence Hardwick, University of Liverpool	
13:30	Continuous hydrothermal scale-up manufacture of highly pseudocapacitive nanomaterial electrodes for high power applications Jawwad Darr <i>University College London, UK</i>	INV14
14:00	Organic-based electrode materials for rechargeable batteries Sung You Hong <i>UNIST, Korea</i>	INV15
14:30	Understanding degradation & failure in lithium ion batteries Gregory Offer <i>Imperial College London, UK</i>	INV16
15:00	Considering the critical aspects of Li-rich cathode and Si anode materials for practical Li-ion battery applications 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.