

ADVANCES IN Li – BATTERY RESEARCH: UK 2015

LOUGHBOROUGH UNIVERSITY

09 – 10 APRIL 2015

Burleigh Court: Severn Room

09TH APRIL 2015:

TIME	SPEAKER	TITLE
12:30 – 13:00	Lunch/Posters (Carvery Buffet)	
<i>Chair</i>	<i>Dr. Edmund Cussen</i>	
13:00 – 13:05	Dr. Pooja Panchmatia Prof. Peter Slater (Birmingham)	Opening Remarks
13:05 – 13:50 (35+10)		Doping Studies of New Li and Na ion Battery Materials
13:50 – 14:25 (25+10)	Dr. Chris Eames (Bath)	Next Generation Anode and Electrolyte Materials for Li-, Na-, and Mg-ion Batteries
14:25 – 15:10 (35+10)	Dr. Jawwad Darr (UCL)	High power and High Capacity Nano-Electrodes for Li ion Batteries
15:10 – 15:40	Break/Posters (Severn Room)	
<i>Chair</i>	<i>Prof. Peter Slater</i>	
15:40 – 16:05 (20+5)	Miss. Irene Munao (St. Andrews)	Solvothermal synthesis of some sodium – transition metal framework compounds for solid – state batteries
16:05 – 16:50 (35+10)	Dr. Peter Baker (STFC)	Muons as a microscopic probe of lithium diffusion
16:50 – 17:35 (35+10)	Dr. Edmund Cussen (Strathclyde)	Lithium ion Conduction in Disordered Non-Framework Crystalline Solids
17:35 – 18:20 (35+10)	Dr. Mark Copley (Johnson Matthey)	Johnson Matthey Battery Technologies: Advanced Material Research
19:30 onwards	Conference Dinner	

10TH APRIL 2015:

TIME	SPEAKER	TITLE
<i>Chair</i>	<i>Dr. Mark Copley</i>	
09:00 – 09:45 (35+10)	Prof. Jon Goff (RHUL)	Dynamics and diffusion in sodium-ion battery materials
09:45 – 10:35 (35+10)	Dr. Laurence Hardwick (Liverpool)	Adventures in Oxygen Electrochemistry
10:35 – 11:05	Break/Posters (Severn Room)	
<i>Chair</i>	<i>Prof. Keith Refson</i>	
11:05 – 11:50 (35+10)	Dr. Alodia Orera (Zaragoza)	Spectroscopic tools in the study of Lithium garnets
11:50 – 12:15 (20+5)	Mr. Kent Griffith (Cambridge)	High-Rate Electrochemistry in Bulk (μm) Particles: NMR Insights into Nb_2O_5
12:15 – 12:40 (20+10)	Prof. Upul Wajjyantha (Loughborough)	SnO_2 'Bucky Ball' Structures for Energy Storage, and the use of High Throughput Printing for the Low-cost, Mass Production of Electrodes.
13:00 onwards	Lunch/Posters (Carvery Buffet)	

