

Free workshop - July 16 2018 9:30 – 17:00

Characterisation Methods to Accelerate Electrochemical Energy Storage

The University of Liverpool has been leading a collaborative fact finding study, working with research institutions across the UK to better understand the how evaluation of advanced energy materials during their operation within an energy storage device can support advances in future electrical energy storage.

The study will look at how electrochemical energy storage (EES) research can adapt to both current research priorities and rapidly changing innovations in energy storage.

We will be holding a free workshop **'Infrastructure to Knowledge: Advanced Characterisation Methods to Accelerate the Development of Novel Electrochemical Energy Storage Devices'**

at the Foresight Centre, University of Liverpool on **July 16th, 2018, 9:30 – 17:00.**

Aim:

To bring together knowledge based researchers from across the UK with industry partners to better understand how information developed through primary research into battery characterisation can be used by others to:

- provide insights into their own materials and chemistries;
- explore what mechanisms can be used to share research outcomes;
- ensure acceleration of UK wide innovation;
- identify potential infrastructure gaps where there is a critical need for new R&D investment;

The workshop will feature break out discussion sessions focused on:

- Optimising Access to Small, Medium and Large Facilities
- Establishing Characterisation Needs for Small, Medium and Large Businesses and Shared Corporate/National/University Facilities
- Establishing Standards for Characterisation Methodologies and the Link to Machine Learning

The following speakers are confirmed:

Professor Peter Littlewood,
The Faraday Institution

Professor Peter Bruce,
The Faraday Institution and
University of Oxford

Professor Laurent Chapon,
Diamond Light Source

Professor Laurence Hardwick,
University of Liverpool

James Johnson,
Liverpool City Region Enterprise
Partnership

Dr Lei Cheng,
Argonne National Laboratory

Dr Gareth Hinds,
National Physical Laboratory

Dr Andrew Stevens,
CEO, OptimalSensing, USA

Professor Edoardo Patelli,
Institute for Risk & Uncertainty,
University of Liverpool

Register to attend this event at:

www.eventbrite.co.uk/e/infrastructure-to-knowledge-advanced-characterisation-methods-to-accelerate-the-development-of-tickets-46220909986