

**Lithium Sulfur Batteries: Mechanisms, Modelling and Materials**

**Wednesday 26<sup>th</sup> – Thursday 27<sup>th</sup> April 2017**

**IET Savoy Place, London**

Early Bird Tickets: Student - £200, Non-Student - £350

**Chaired by:**

Dr Greg Offer, Imperial College London

Dr George Crabtree, Joint Center for Energy Storage Research (JCESR)

Dr David Ainsworth, OXIS Energy Ltd

**About:**

The 2nd Li-SM<sup>3</sup> conference will bring together the worlds leading academics, scientists and engineers to discuss the priority areas of Lithium Sulfur battery chemistry research.

It will begin with an introduction to the chemistry for newcomers and highlights of the key challenges, followed by dedicated sessions on each key topic, a poster session and a dinner.

There is an open call for both presentations and posters, see website for details:

**[www.lism3.org](http://www.lism3.org)**

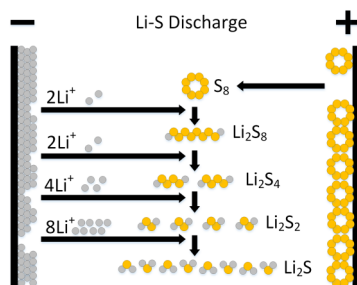
**oxis** ENERGY  
Next Generation Battery Technology

**Imperial College**  
London

# Li-SM<sup>3</sup> Conference Session Topics

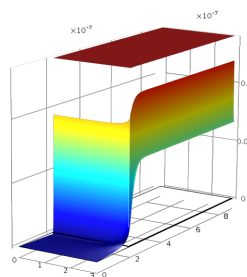
## Mechanism

Latest insights into how and why Li-S operates in the way it does, what fundamental issues that it presents and solutions to overcome them.



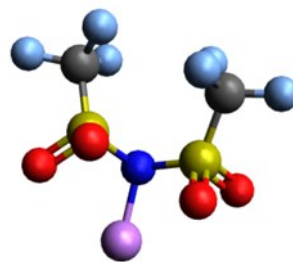
## Modelling

How the Li-S chemistry can be modelled and what this can tell us about how the cell works, which in turn can help direct research and also be used in control systems.



## Materials

What new materials can be used to solve the issues seen in Li-S chemistry and turn it into a viable product for the market.



## Applications

Systems designers and users give their thoughts on what performance they need to make their products work, to help set research goals for the community.

