

Smart Grids Research Symposium at the University of Strathclyde

13-16 April 2010

The Symposium will provide the opportunity to engage with the cutting edge research and discuss the key issues in smart grids.

PRELIMINARY PROGRAMME

13 April (10:30-16:30)	<p><i>What's all the fuss about?</i> What is a smart grid? Why is it needed? When and how can we expect it to happen? How does smart transmission and smart distribution relate to smart meters, smart homes/buildings? A critical view of the 'smart' movement and the emerging concepts.</p> <p><i>Flexible is Smart</i> The EPSRC FlexNet consortium is focusing on flexible future networks and will present emerging research results. Industrial and international perspectives on the work will also be provided.</p> <p><i>Smart Plans</i> Planning active networks, techno-economic evaluation of smart grids including assessment of the role of HVDC, offshore grids, Electric Vehicles, energy storage and customer participation.</p>
14 April (09:30-16:00)	<p><i>Small and Smart</i> The EPSRC HiDEF consortium is delivering research on planning and operating decentralised energy systems with smart grid technology and this session will present the key research outcomes. The consortium industrial partners will provide a perspective on this topic.</p> <p><i>Smart Control</i> Smart grid control research reports from the Flexnet, Aura, HiDEF and Amperes consortia. The role of centralised and decentralised approaches to control and seeking the optimum level of distribution of data gathering, processing and decision making.</p> <p><i>Smart Assets</i> A focus of the EPSRC AMPerES consortium is on emerging asset management, life extension and condition monitoring techniques. This session will cover the integration of smart assets within the smart grid including industrial demonstration.</p> <p><i>Demonstrating Smart Grids</i> Taking research ideas through lab and field trials to full deployment and commercial exploitation. Contributions from various trial and deployment initiatives including the EU DERLab programme.</p>
15 - 16 April	<p><i>Networking and Meeting Opportunity</i> If you would like to arrange a consortium, partnership, company, work-stream or one-to-one meeting then we'll arrange a meeting room for you and do whatever else we can to support your meeting.</p> <p><i>EU DERLab Meeting</i> The EU DERLab initiative is holding a consortium meeting for the project partners.</p>

Presenters are already being invited for each of the sessions above. If you have a proposal for an oral presentation contribution that fits with the programme then let us know and we'll fit that into the plans. Also let us know if you would like to bring a poster to a significant poster buffet session.

To register email j.mackenzie@eee.strath.ac.uk with 'Smart Grids Symposium' as the subject. We will send you further details as the programme develops and request payment of £50 (or €58) to cover the costs of the event.