

Battery Manufacturing 2013

24th October 2013, Warwick

Following the sell-out success of the inaugural event in 2012 hosted by Sharp Laboratories Europe, the NanoKTN are pleased to announce that Battery Manufacturing 2013 will be sponsored and hosted by the High Value Manufacturing Catapult at the Warwick Manufacturing Group, Warwick University.

The 1-day conference is for the battery supply chain from academia/research through to end users, and will provide an excellent opportunity to network and find partners.

The conference aims to connect the battery manufacturing supply chain, and provide latest updates on commercial, academic and government initiatives relevant to battery manufacturing.

Programme

09.30 **Registration**

10.00 **Welcome & Introduction**

Dr Martin Kemp, Theme Manager, NanoKTN

10.10 **Global Challenge – Low Carbon Mobility**

Alan Curtis, CEO & Dr Nick Mallinson, Programme Manager, WMG centre HVM Catapult

10.45 **An Automotive Perspective on Battery Technology: Challenges & Opportunities**

Chris Lyness, Traction Battery Technical Specialist, Jaguar Land Rover

11.10 **Break, Networking & Exhibition/Posters**

11.40 **Nano Structured Silicon Anodes for Li-ion Battery Applications**

Dr Bill Macklin, Nexeon

12.05 **Trends in Mobile Energy**

Piers Andrew, Nokia Research Center

12.30 **Company Technology Pitches**

- Buhler
- Durham Graphene Science
- Haydale
- Ilika
- Intrinsic Nanomaterials
- Loughborough Surface Analysis
- Lubrizol
- Oxis Energy
- Promethean Particles

13.15 **Lunch, Networking & Exhibition/Posters**



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14.30 **University Technology Pitches**

- UCL
- University of Reading
- University of Leeds
- Kyoto University

14.50 **Developing an Ultra-high Performance Supercar Battery**
Dr Allan Paterson, Chief Electrochemist, Johnson Matthey Battery Systems

15.15 **Nanomaterials for Lithium Batteries**
Prof Peter Bruce, University of St Andrews

15.40 **Opportunities for the Automotive industry in Horizon 2020**
Cliff Funnell, FP7 National Contact Point for Surface Transport

16.00 **Tour(s) of Facility & Networking Session**

16.45 **Close**

Poster Session

Companies and academics are invited to apply to display a poster at this event. Submissions in the form of a 200 word abstract should be sent to Natasha.sim@nanoktn.com and will be reviewed and considered on a first come, first served basis.

Confirmed posters from **QinetiQ, WMG centre HVM Catapult, Universities of Leeds & Surrey, UCL, and Kyoto University.**

Exhibitors

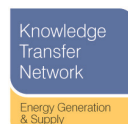
The table-top exhibition will feature **Meritics, Bouygues Energies & Services, Buhler, The Royal Society, Lubrizol, Haydale and Cleanroom Design & Construction.**

Delegate Registration

| | Cost |
|--|----------|
| NanoKTN Members* | £50 +VAT |
| Supporting organisation Members | £65 +VAT |
| Non-members | £80 +VAT |

For further information and to download a registration form, please visit www.nanoktn.com or email Natasha.sim@nanoktn.com.

Supporting Organisations:



*Membership to the NanoKTN is free of charge, register at www.nanoktn.com



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