

HiPerNano 2012 'the NanoEngineering Event'

24th April 2012, Savoy Place, London

Innovation is recognised as key to increased productivity, competitiveness and for opening new markets. NanoEngineering is a new 'innovation toolkit' for **product design, manufacturing and maintenance**.

HiPerNano 2012 is all about bringing together the technology innovators with end-users who can exploit **new materials, coatings and devices to solve engineering challenges**

Organised by the NanoKTN, **HiPerNano 2012** is aimed at the performance engineering industries including **aerospace, automotive, offshore, energy, defence and construction** and is a unique opportunity to meet and hear from experts in a range of technology areas:

- **Barrier & Protective Coatings** – new materials and nanocoating technologies.
- **Graphene & New Materials** – update on graphene and new materials manufacture and applications.
- **Tribology** – improving fuel efficiency and durability with nano-enhanced coatings and approaches.
- **Nanocomposites** – developing advanced materials using nanofillers such as CNTs in metals and polymers.
- **Sensors & Monitoring** – next generation sensing devices and materials for health.
- **Aerodynamic Flow** – morphing, surface effects and coatings for improved efficiency.

Programme

This year we are proud to welcome the **IET** as event sponsor, with a welcome address from their **Director of Sectors and Communities, Steve Perry**, followed by a keynote address from **Will Barton, Head of Manufacturing at the Technology Strategy Board**. This year, **HiPerNano 2012** will feature an expanded programme of six highly topical seminars, as per the above technology areas, which will be organised by our technical partners: *The Institute of Metal Finishing, Aerospace, Aviation & Defence KTN, IET Tribology Division, British Composites Society and the IOM3 NNC*.

Speakers: Triple-O, AgustaWestland, Thomas Swan, BAE Systems, Aerospace Metal Composites Ltd, Haydale, Johnson Matthey, LVH Coatings, Ilika Technologies, Southside Thermal Sciences, Miba Coating Group/Teer Coatings Ltd, TWI, Imperial College London, and the Universities of Cranfield, Durham, Southampton and Surrey.



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Academic Poster Session

There will be a poster session running throughout the day. If you would like to promote your research, an abstract should be sent to Natasha.taylor@nanoktn.com by **Friday 24th February 2012**.

Abstracts will then be judged and if your application is successful, you will need to register as a delegate at the discounted price of £65 +VAT.

Delegate Fees

	Early-bird <i>(before 24th Feb 2012)</i>	After early-bird
Delegate Rate (NanoKTN & IET Members)	£95 +VAT	£125 +VAT
Delegate Rate (Non-Members)	£125 +VAT	£155 +VAT

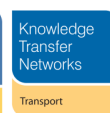
Organisations and individuals wishing to attend should email a completed registration form to: Natasha.taylor@nanoktn.com.

Promotional opportunities are available at this event, including showcasing your products and services through the **exhibition**. Please contact natasha.taylor@nanoktn.com for further information.

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Media Partners:



*Membership to the NanoKTN is free of charge. Visit www.nanoktn.com.