

NanoMicroClub Networking Event

**Wednesday 19th May 2010
10.00-15.15**

**University of Glasgow
James Watt South Building (A1)**

http://www.gla.ac.uk/media/media_1887_en.pdf

**Organised by: The Institute of Nanotechnology
University of Glasgow Knowledge Transfer Account**

Nanotechnology is rapidly moving from the lab into profitable innovative applications. Whereas previously the study of the phenomena of materials and devices at the nanometer scale was of interest to the academic community, today commerce and industry is realising the potential across a wide range of sectors, from ICT and electronics to construction, from medicine to transport and from energy (and energy reduction) to defence and aerospace. Nanotechnology offers ways to create smaller, cheaper, lighter and faster materials, devices and systems that can do more and cleverer things, use less raw materials and consume less energy. The University of Glasgow has proven itself as one of the UK's (and Europe's) leading institutions for academic "nano" research encompassing electronics, chemistry, medicine, physics, biological sciences and in most cases the interdisciplinary interfaces between them.

In a commercial context, the emergent and largely unknown nature of nanotechnologies, results in a unique theme of challenges for nanotechnology based companies, regardless of their field or sector. This workshop is an opportunity to explore and discuss the challenges and opportunities with individuals from a range of backgrounds including those who have successfully commercialised nanotechnology, investors, academics and new start-up businesses.

This workshop is intended to be an interactive opportunity to share opportunities and requirements, where all attendees are participants. This will be a unique opportunity to discuss and debate "nano" and to identify the impact it could have on your business. You will start to forge new partnerships with other participants that can positively impact your future business.

Come prepared to discuss (non-confidentially) your thoughts, interest and experiences in "nano". You will have the opportunity to present 2 slides on your business and nano opportunity or requirements. Places are limited and priority will be given to those willing to present.

Please RSVP to confirm your attendance at this workshop by

contacting: Carrie Smith

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Email: carrie.smith@nano.org.uk

Programme

- 10.00 Registration and refreshments
- 10.30 **Del Stark**, NanoMicroclub Facilitator
Welcome and Introduction
- 10.35 Soundbites/ Delegate Presentations
- 10.50 **Deborah Creamer**, Optimat Limited
Exploiting the Market Opportunities for Micro and Nanotechnologies
- 10.55 **Lindsay Gill**, The Centre for Process Innovation
NanoHex - Transforming the future of Heat Management
- 11.00 **Wyn Meredith**, Compound Semiconductor Technologies
Micro-fabrication Techniques used in Semiconductor Laser Manufacture
- 11.20 Refreshments
- 11.40 **Fredy Ornath**, Hydrogen Horizons
Development of Hydrogen Storage Systems
- 12.00 **David Cumming**, University of Glasgow
Micro and Nanotechnology Research at University of Glasgow
- 12.20 **Neil Bowering**, University of Glasgow
Knowledge Transfer Account, Nanotechnology
- 12.40 **Alastair McGibbon**, UK NMP National Contact Point
Upcoming Opportunities for Nanotechnology Projects in FP7
- 13.00 Lunch and Networking
- 13.50 **Brendan Casey**, Kelvin Nanotechnology
Commercial Applications of Nanofabrication
- 14.10 **Mark Zwinderman**, Aboleo Limited
Industrial scale nanotechnology through microemulsions
- 14.40 **Sylvia Morrison**, University of Glasgow Innovation Network
First Step Awards
- 14.50 **Charles McGovern**, Inregrated Nano-Science & Commodity Exchange
Capital Networks of Excellence for Nanotechnologies
- 15.10 **Del Stark**, Institute of Nanotechnology
Feedback and closing remarks
- 15.15 Tours of Laboratories and facilities

Please indicate if you would like to join a tour of the James Watt Nanofabrication Centre, as space is limited within the Clean room area. www.jwnc.gla.ac.uk

ABOUT THE NANOMICROCLUB

The key aim of the NanoMicroClub (www.nanomicroclub.com) and the Club's networking meetings, is to bring together nano and microtechnology companies, and to create opportunities for these organizations to both exchange ideas, and interact with select key mentors from leading business support organizations. The Club's activities will be achieved through a dedicated website with discussion forum capabilities, and through a series of events, organised throughout the UK and Europe.

Benefits of attending the NanoMicroClub networking events, include:

- Access to top quality advice – legal, technical, financial, managerial
- Access to potential customers
- Access to other technology start-ups, to share common experiences
- Access to potential investors; and knowledge of how to deal with them
- Access to other sources of funds (regional, national and European) and assistance in applying

ABOUT UNIVERSITY OF GLASGOW KNOWLEDGE TRANSFER ACCOUNT

Based on the strength of our research excellence in nanotechnology, The University of Glasgow has recently been awarded an EPSRC funded Knowledge Transfer Account, which is a £2.5m project designed to address the barriers associated with commercialisation of our research outputs.

The aim of the KTA is to increase our engagement with industrial partners looking to adopt nanotechnology into their business in order to increase the volume of our research outputs that have a positive impact on society and the UK economy. Through the KTA we are able to provide financial and physical support for collaborative projects that can demonstrate the potential for adoption of new nanoscale science and technologies by industry.

EVENT SPONSORS

