



WORKSHOP ON DEMAND

## APPLICATION OF STANDARDS WITHIN NANOTECHNOLOGY

June 2<sup>nd</sup> 2009

9:30 – 13:00

Room: Club H

To demonstrate that any product or manufacturing process meets a specified functional demand requires quantitative measurements traceable to an agreed metrology unit. Hence to bring nanotechnology through to successful business calls for access to the relevant metrology tools that provide the ability to measure in three dimensions with atomic resolution over large areas.

This workshop will provide an understanding of the critical importance, benefits and implementation of standards for those working within both the industrial and academic nanotechnology field.

Chairman: *James Johnstone, The Nanotechnology Knowledge Transfer Network, UK*

### PRELIMINARY PROGRAMME

- 9:30            Opening Remarks by Chairman
- 9:40            **The Importance of Standards to the Nanotechnology Industries**  
*Steffi Friedrichs, Nanotechnology Industry Association, BE*
- 10:10          **Application of Documentary Standards in the Characterisation of Manufactured Nanoparticles**  
*Gert Roebben, Institute for Reference Materials and Measurements, BE*
- 10:40          **Metrological Challenges in Surface Nano Analysis**  
*Wolfgang Unger, Federal Institute for Materials Research and Testing, DE*
- 11:00          Coffee Break
- 11:30          **Nanosafety Measurements and Testing: Standardisation and Harmonisation Needs**  
*Christoph Klein, Institute for Health and Consumer Protection, IT*
- 12:00          **Standards for Scanning Probe Microscopy**  
*Thorsten Dziomba, Physikalisch-Technische Bundesanstalt (PTB), DE*
- 12:30          Discussion
- 12:55          Closing remarks by Chairman
- 13:00          End

The workshop takes place in the framework of the EuroNanoForum 2009 conference that will be held in Prague, on June 2<sup>nd</sup> – 5<sup>th</sup> 2009 (<http://www.euronanoforum2009.eu>).

**REGISTRATION:**

For the participation at the workshop, please, register via the standard registration form of the EuroNanoForum 2009 on: <http://www.euronanoforum2009.eu/registration/index.php>.

**CONTACT PERSONS:**

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