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## Future dates

**UK SPM 2009** 24-25 June 2009

NPL, Teddington, Middlesex, UK

A two-day conference held in conjunction with the Royal Microscopical Society (RMS) exploring the latest developments in Scanning Probe Microscopy (SPM).

For further information contact: [charles.clifford@npl.co.uk](mailto:charles.clifford@npl.co.uk) or [clare@rms.org.uk](mailto:clare@rms.org.uk)

## Further Information

Please see:

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Nanotechnology

Knowledge Transfer Network

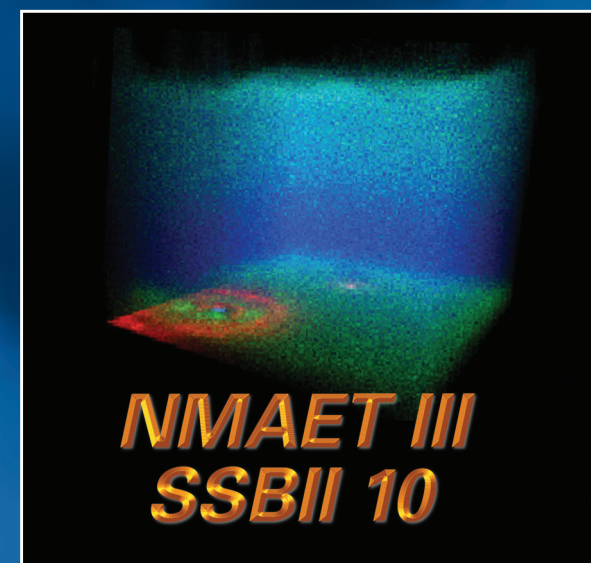


# Nano-Molecular Analysis for Emerging Technologies III & Surface Science of Biologically Important Interfaces 10

Second announcement & call for papers

**5-6 November 2008**

**NPL, Teddington, UK**



[www.nmaet.npl.co.uk](http://www.nmaet.npl.co.uk)

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Understanding and controlling the behaviour of biological molecules at interfaces is fundamental to many emerging technologies, including novel medical devices, biochemical assays and nano-medicine. This two day meeting will focus on novel approaches and advances in the analysis of biological materials under ambient conditions, through such methods as scanning probe microscopy and emerging mass spectrometry methods, and the interaction of biological systems with surfaces.

### Topics include:

- Analysis of biomolecules at surfaces
- Attachment of biomolecules to surfaces
- Ambient mass spectrometry
- Scanning probe techniques
- Nano-bio surface analysis

The highly successful NMAET series concentrates on in-depth, frontier issues in surface and nano-analysis and this year will be held in conjunction with the tenth SSBII meeting. Both NMAET and SSBII attract world-leading scientists from industry and academia and this meeting will enable a lively and engaging discussion on the frontier issues in biomolecular surface analysis.

### Poster Sessions

Following the oral presentations on 5th November, a dedicated poster session and manufacturers' exhibition will be held. However, posters will also be on display throughout the duration of the meeting, with mini poster sessions also taking place during lunchtime buffets on 5th and 6th November respectively.

### Conference Dinner

The conference dinner will follow the poster session and exhibition on the evening of 5 November. The conference dinner will be held at an excellent local restaurant situated by the River Thames.

### Exhibition

An exhibition of scientific equipment will be held throughout the duration of the meeting with a dedicated session on the evening of 5 November. Please contact us if you are a potential exhibitor and we will send you a registration form.

### Plenary Speakers

**Prof. Dr. Renato Zenobi, ETH Zurich, Switzerland**

*Chemical Analysis of Bio-Surfaces by Ambient Pressure Mass Spectrometry*

**Prof Hans Griesser, University of South Australia, Australia**

*Design and Characterization of Bio-Interfaces*

### Invited Speakers

**Prof Dave Grainger, University of Utah, USA**

*Comparing Quantitative Surface Analytical Methods for Assessing DNA at Surfaces*

**Prof Harald Fuchs, WWU Muenster, Germany**

*Advances in Dynamic Force Microscopy*

**Dr Tae Geol Lee, Korea Research Institute of Standards and Science (KRISS), Korea**

*Probing the Surface of Nanoparticles for Bio-Applications Using Mass Spectrometry*

**Prof Yuri Korchev, Imperial College, UK**

*Scanning Ion Conductance and Associated Techniques*

**Prof Ron Heeren, AMOLF, Netherlands**

*The Analysis of Biological Surfaces Using High Resolution Imaging MALDI*

**Prof Tom Horbett, University of Washington, USA**

*The Adsorption of Adhesion Proteins to Biomaterials*

**Dr Anthony Costa, Purdue University, USA**

*A continuum-level theory on the production of droplets in DESI and implications for liquid-phase chemistry at solid surfaces'*

**Prof Martin McCoustra, Heriot-Watt University, UK**

*PADI and Atmospheric Surface Mass Spectrometry*

**Prof Peter Seeberger, ETH Zurich, Switzerland**

*Carbohydrates on Surfaces and Particles: Basics and Applications*

### Call for Papers

Oral and poster contributions are invited on all aspects related to the meeting. Abstracts should be e-mailed to [nmaet@npl.co.uk](mailto:nmaet@npl.co.uk) with the heading 'NMAET III abstract'. Please follow the abstract format given on the conference website [www.nmaet.npl.co.uk](http://www.nmaet.npl.co.uk) <<http://www.nmaet.npl.co.uk>> The deadline for abstract submission is 19 September.