

Future meetings at NPL:

24 & 25 January 2008

Tip Enhanced Raman and Fluorescence Spectroscopy (TERFS): Challenges and Opportunities

National Physical Laboratory (NPL), Teddington, Middlesex, UK

Two-day conference on Tip Enhanced Raman and Fluorescence Spectroscopy (TERFS) to bring together leading scientists and instrument manufacturers from all over the world to discuss scientific and technological progress, challenges and opportunities in the field. For further information contact:

deb.roy@npl.co.uk

5-6 November 2008

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

NPL, Teddington, Middlesex, UK

Focussing on Frontier issues in ambient surface analytical techniques and Nano-biotechnology. For further information contact: **charles.clifford@npl.co.uk**

24-25 June 2009

UK SPM 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** or **clare@rms.org.uk**

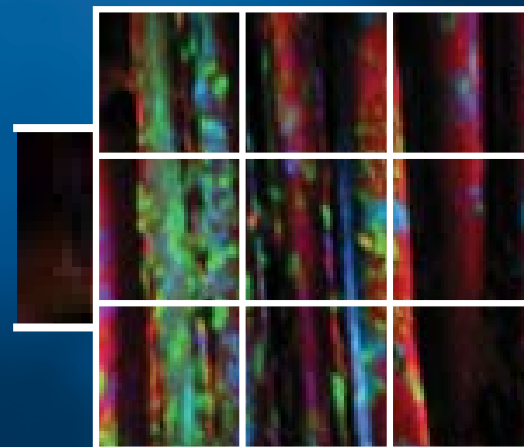


Micro and Nano Scale Characterisation of Fibres

3 July 2008

University of Ulster,
Jordanstown,
Belfast

www.npl.co.uk/fibresworkshop



This is preceded by:

UKSAF Summer Meeting

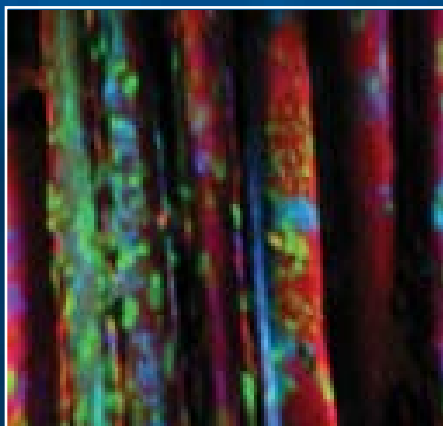
2 July 2008,

University of Ulster,
Jordanstown, Belfast

www.uksaf.org



Fibres present massive challenges and opportunities for micro and nano technologies. These challenges are not in the manufacturing of the fibres but in the control and understanding of their behaviour.



This one-day workshop will focus on the many challenges of fibre analysis at the micro and nano-scale using state-of-the-art surface chemical analysis, including SIMS, XPS and SPM techniques.

Topics include fundamental effects of topography in SIMS and XPS, AFM nanomechanics, frictional force microscopy, multivariate analysis and important applications in industry.

This workshop will bring together leading researchers and practical analysts from industry and academia for discussions on the latest developments. Recommendations and guidance for reliable and robust measurements will be presented.

The workshop is being held in conjunction with UK Surface Analysis Forum (www.uksaf.org), which will be held at the same venue on the preceding day (Wednesday 2nd July).

A conference dinner will be held on the evening of the 2nd July

Scientific Organising Committee

<i>Dr Charles Clifford</i>	<i>National Physical Laboratory, UK</i>
<i>Prof Peter Doyle</i>	<i>Unilever, UK</i>
<i>Dr Ian Fletcher</i>	<i>Intertek, UK</i>
<i>Dr Ian Gilmore</i>	<i>National Physical Laboratory, UK</i>
<i>Joanna Lee</i>	<i>National Physical Laboratory, UK</i>
<i>Prof Graham Leggett</i>	<i>University of Sheffield, UK</i>

Confirmed speakers include:

Professor Graham Leggett, University of Sheffield, UK
Frictional force microscopy and the Nano-Analysis of Fibres

Chris Byrne, TechniTex Faraday Ltd
Technical textiles: state-of-the-art, measurement issues, and future applications

Dr Peter Cumpson, National Physical Laboratory, UK
Rapid analysis of layer thickness on fibre samples by X-ray photoelectron spectroscopy images using a Nomogram

Dr Ian Fletcher, Intertek MSG, UK
Analysing real-life fibre samples

Chris Boardman, Unilever, UK
How surface analysis can help in designing new laundry products

Conference venue

The meeting will be held at the University of Ulster Jordanstown campus, which is a few minutes from Belfast and approximately 25 minutes from both Belfast City and Belfast International airports.

Call for papers

Oral and poster contributions are invited on all aspects related to the meeting. Abstracts should be e-mailed to charles.clifford@npl.co.uk by 31st March 2008

Costs:

Delegate rate is £150. Student rate is £100. Cost includes conference dinner. Travel and accommodation information will be sent to delegates upon registration.

Further information and registration

Please see: www.npl.co.uk/fibresworkshop
or contact: charles.clifford@npl.co.uk (Tel +44 20 8943 6620)