
Nano Surfaces Division

Scanning Probe Microscopy Conference & User Meeting University of Strathclyde & CMAC 22nd April 2015

09.00 Registration and Coffee

09.30 Welcome and Introduction

Dr Boumediene Boudjelida, Bruker Nano Surfaces UK

Prof Alastair Florence, EPSRC Centre for Innovative Manufacturing in Continuous Manufacturing and Crystallisation (CMAC)

10.00 Dr Alexander Dulebo, Life Sciences Applications Scientist - Bruker Nano Surfaces - Germany
Advanced Cellular and molecular nanomechanics for Life Science Applications

10.30 Prof Robert Henderson, Cambridge University – Department of Pharmacology
DNA, DNA origami and Proteins: Some FastScan Studies.

11.00 Coffee and Posters Session

11.30 Dr Georg Haehner, University of St Andrews
Combining microcantilevers and microfluidics: Calibration of the flexural, torsional and lateral spring constants of microcantilever sensors

12.00 Colin Woods, National Graphene Institute, University of Manchester
Graphene structures on Boron Nitride using SPM

12.30 Lunch & Posters Session

13.30 Dr Vasileios Koutsos, The University of Edinburgh
Soft Nanostructures on surfaces studied by Atomic Force Microscopy

14.00 Prof William Jones, University of Cambridge
Studying pharmaceutical cocrystals by AFM and cognate methods

14.30 Practical Demonstrations

50 min Sessions with [Dimension FastScan Bio™](#), [MultiMode 8™](#), and [Bioscope Resolve™](#)

17.30 Close

19.00 Conference Dinner – Venue TBD

A participation of £20 will be required at the time of registration.

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09.00 Registration and Coffee

09.30 Dr Matt Johnson, Department of Molecular Biology and Biotechnology, University of Sheffield
AFM and affinity-mapping AFM for plant photosynthetic membrane study

10.00 Prof Jamie Hobbs, University of Sheffield
TBD

10.30 Dr Chanmin Su, Director of Research, Bruker Nano Surfaces – Santa Barbara
Latest Technology Advances for next generation SPM

11.00 Coffee

11.30 Dr Dimitrios Lamprou, University of Strathclyde / EPSRC Centre for Innovative Manufacturing in Continuous Manufacturing and Crystallisation (CMAC)
Toxicological studies by AFM

12.00 Prof Neil Thomson, University of Leeds
Higher throughput for biomolecular systems using the Fast Scan Bio AFM

12.30 Monika Warzecha, University of Strathclyde / EPSRC Centre for Innovative Manufacturing in Continuous Manufacturing and Crystallisation (CMAC)
Application of AFM in pharmaceutical crystal growth studies

13.00 Lunch & Posters Draw

14.30 Practical Demonstrations

50 min Sessions with [Dimension FastScan Bio](#), [MultiMode 8](#), and [Bioscope Resolve™](#)

17.00 Close