

Themes and Symposia

The MICROSCIENCE 2010 International Conference comprised 3 parallel themes plus the UK SPM meeting.



Providing a varied and inspiring programme of lectures and speakers, the MICROSCIENCE 2010 International Conference boasted three parallel themes on each day:

- Life
- Materials
- New Techniques and Frontiers

In addition, UK SPM 2010 gave a fourth parallel theme.

Each theme was composed of headline invited speakers - drawn from around the world - and contributed papers.

Plenary Speakers:

Dr. Jennifer Lippincott-Schwartz (Pearse Prize Lecture)

Prof. Wolfgang Baumeister (EMS Sponsored Lecture)

Prof. Sir John Meurig Thomas (EMS Sponsored Lecture)

conference programme

Click the links below to download PDFs of the Conference Programme for each day of MICROSCIENCE.

[TUESDAY 29th June](#)

[WEDNESDAY 30th June](#)

[THURSDAY 1st July](#)

[UKSPM 2010 Programme](#)

Please note: The Programme is subject to change.



Click on a symposium title below to read about the topic under discussion:

Life

Symposium Title	Scientific Organiser	ID
Using the F-words (FLIM/FRET/FRAP/FLIP) to explore fundamental biology	Dr Dan Davis/Dr Allison Roberts	L1.1
In vivo imaging	Dr Claire Wells/Dr Theresa Ward	L1.2
Optical Manipulation and single molecule imaging	Dr Justin Molloy	L2.1
Applications of Tomography in Life Sciences	Prof Chris Hawes/Kim Findlay	L2.2
Imaging beyond the resolution limit in live cells	Dr Michelle Peckham/Dr David Stephens	L3.1
Correlative Microscopy	Dr Paul Verkade	L3.2

Materials

Symposium Title	Scientific Organiser	ID
Applications of aberration corrected TEM/STEM	Prof Andrew Bleloch/Prof Joachim Mayer	M1.1
Applications of FIB Microscopy	Dr Beverley Inkson	M1.2
3D reconstruction in Materials Science	Prof Paul Midgley/Dr Guenther Moebus	M2.1
Advanced SEM: Applications and Techniques	Prof Ed Boyes/ Dr Debbie Stokes	M2.2
Electron Spectroscopy	Prof Mark Rainforth/Prof Rik Brydson	M3.1
Nano-whatnots: dots, tubes, wires and sheets	Dr John Hutchison/Dr Jeremy Sloan	M3.2

New Techniques and Frontiers

Symposium Title	Scientific Organiser	ID
Developments in 3D Imaging for Biology	Prof Chris Hawes/ Kim Findlay	N1.1
Image analysis and quantitative Electron Microscopy	Prof Angus Kirkland	N1.2
Dynamic Experiments in Materials Science	Prof Pratibha Gai/Prof Eva Olsson	N2.1

Super-resolution fluorescence microscopy	Dr Michelle Peckham/Dr David Stephens	N2.2
Other Microscopies - Nanosims, Atom Probes, Helium Ions	Prof Chris Grovenor/Dr John Hutchison	N3.1
Advances in Fluorescent Probes	Dr Dorus Gadella/Dr Steve Briddon	N3.2
Satellite symposium		
What microscopy with synchrotron radiation can do for you	Dr Christoph Rau/Dr Gavin Bell	S1.2

UK SPM 2010

The annual meeting of the UK SPM community was held during MICROSCIENCE 2010 on Wednesday 30th June and Thursday 1st July. [Click here for more details.](#)

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Related Links



- [View the Programme](#)



- [Learning Zone](#)

The RMS Learning Zone is one of the many things that make MICROSCIENCE special. It's a fully equipped lab waiting for you to turn-up and learn!



- [Workshops](#)

An interesting and varied programme of company workshops.



- [Photographs](#)

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