

Tuesday, September 24, 2013 – 16:00 h

Venue: Read Lecture Theatre, Level 5, Sherfield Building,
South Kensington Campus, Imperial College London

Leica Scientific Forum UK – London

Advances in Life Science

Prof. Mark Ellisman

Director of NCMIR and CRBS, University of California San Diego

“Multiscale Microscopy of the Brain: Where is the Dark Matter?”

16:00 Welcome & Introduction by Prof. Keith Willison

Lecture This talk will highlight projects in which development and application of new contrasting methods and imaging tools have allowed us to observe otherwise hidden relationships between cellular, subcellular and molecular constituents of cells, including those of nervous systems.

Prof. Ellisman will present

- New chemistries for carrying out correlated light and electron microscopy
- Recent advances in large-scale high-resolution 3D reconstruction with LM, TEM and SEM based methods.
- Next generation cell-centric image libraries and web-based multiscale information exploration environments for sharing and exploring these data

17:30 Discussion and post lecture reception

Scientific Advisory Board UK: Prof. Keith Willison, Prof. Paul French (Imperial College London), Prof. Tony Ng (King's College London), Prof. Antony Galione, Prof. Gero Miesenboeck, Prof. Tony Wilson (Oxford Univ.), Prof. David Klenerman, Dr. Jim Haseloff (Cambridge Univ.), and Dr. Thomas Zapf (Leica Microsystems)

The lecture is free. Please kindly register: lsf@leica-microsystems.com

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