

# Inspire<sup>-09</sup> National Scientific Meeting

Monday, November 30<sup>th</sup>, 2009

13.00	Registration & Opportunity to Display Research Posters
14.00	Formal Commencement of NanoWeek Mr. Batt O'Keeffe, Minister for Science and Education Poster Presentations Displays on Inspire's Industrial Collaborations
15.00	Graduate workshops

Tuesday, December 1<sup>st</sup>, 2009

08.45 – 9.15	Registration
9.20 – 9.30	Welcome & opening remarks (O'Connor, Whatmore)
	<b>Industrial perspectives</b> <i>Chaired by Gerard O'Connor, NUI Galway (Chair of Meeting)</i>
9.30 – 10.05	<b><i>Applications of Nanotechnology in Pharmaceutical Research and Diagnostics</i></b> , Ulrich Certa (F. Hoffmann-La Roche Ltd)
10.05 – 10.40	<b><i>Nanotechnology in Magnetic Recording</i></b> Mark Gubbins, (Seagate)
10.40 – 11.15	Coffee & Opportunity to view posters
	<b>International Perspectives</b> <i>Chaired by Jean-Pierre Colinge, Tyndall National Institute</i>
11.15 – 11.50	<b><i>Synthetic nanostructures - What is different from bulk?</i></b> Siegmar Roth (Korea University/SINEUROP/Max-Planck-Institute)
11.50 – 12.25	<b><i>Regulation of cellular responses on the nanometer scale</i></b> Joachim Spatz (Max Planck Institute)
12.25 – 13.00	<b><i>Plasmonic nanophotonics</i></b> Anatoly Zayats (QUB)
13.00 – 14.00	Lunch
	<b>Bio perspectives</b> <i>Chaired by Hugh Byrne, Focus Research Institute, DIT</i>
14.00 – 14.30	<b><i>Nano-scale biophotonics</i></b> Malini Olivo (NUI Galway)
14.30 – 15.00	<b><i>Exploiting nanoparticle- protein interactions</i></b> Kenneth Dawson (UCD)
15.00 – 15.30	<b><i>Electrical modifications of biomaterials at nanoscale: curiosity, concept and commercial</i></b> Tofail Syed (UL)
15.30 – 15.50	Coffee Break
	<b>Material &amp; Processing perspective</b> <i>Chaired by Guillaume Huyet, Photonics Devices, CIT</i>
15.50 – 16.20	<b><i>Contacting nanowire arrays: the role of microscopy techniques</i></b> Nicolay Petkov (UCC)
16.20 – 16.50	<b><i>Recent advances in applications of carbon nanostructures in microelectronics</i></b> Georg Duesberg (TCD)
16.50 – 17.20	<b><i>Sources and applications of EUV lithography</i></b> Patrick Hayden (DCU)
17.20	Closing Remarks & signposts to other events in NanoWeek
17.30	Close