

CAPE Advanced Technology Lectures & Seminars: *Lent 2006*

CAPE Seminar Room-4 pm

- 20th January 2006 Dr Kostya Novoselov *Towards Graphene-Based Electronics*
(Department of Physics & Astronomy, University of Manchester, UK)
- 27th January 2006 Dr Ken Teo *Directly Modulated Carbon Nanotube Cathodes*
(CAPE)
- 3rd February 2005 Prof. Eugene Terentjev *Polymer-Nanotube Composites: Preparation and Photo-Mechanical Actuation*
(Cavendish Lab, Cambridge)
- 10th February 2006 Dr Gareth Redmond *Organic Nanowires as Novel Device Elements for Nanoscale Photonics and Electronics*
(Tyndall National Institute, University College Cork, Ireland)
- 17th February 2006 Prof. Guglielmo Lanzani *Photoexcitation of Nanotubes: Coherent Phonons, Ultrafast Decay and Trapping*
(Politecnico di Milano, Italy)
- 24th February 2005 Dr Michael Stowell *LCD and TFT Technology*
(Applied Films Corporation, Germany)
- 3rd March 2005 Mr Alan Colli *Multiple Routes to Nanowire Synthesis*
(CAPE)
- 10th March 2005 Dr Alexandra Porter *Toxicity of Intra-Cellular Nanoparticles*
(Nanoscience, Cambridge)
- 17th March 2005 Prof. Arokia Nathan *Stable Amorphous Silicon Backplanes for Active Matrix Organic Light Emitting Diode Displays: Circuit and Material Solutions*
(University of Waterloo, Electrical and Computer Engineering Department, Canada)
- 24th March Dr Mark Thompson *Ultra-Short Pulse Generation in Semiconductor Mode-Locked Laser Diodes*
(CAPE)
- 31st March Prof. Julian Gardner *Micro-Sensors and MEMS for Chemical and Biological Detection*
(University of Warwick, School of Engineering)
- 7th April Dr Gabor Csanyi *Electronic Structure of Superconducting Graphite Intercalate Compounds: The Role of the Interlayer State in Graphite and Nanotubes*
(Cavendish lab, Cambridge)



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