

# CAPE Advanced Technology Lectures & Seminars: *Lent 2007*

CAPE ATRIUM-4 pm

- 12<sup>th</sup> January 2007 Dr Alberto Bianco *Designing Carbon Nanotubes for Therapeutic Applications*  
(CNRS, Strasbourg, France)
- 19<sup>th</sup> January 2007 Dr Jung-Sik Kim *Microengine Design and Microcomponents Fabrication*  
(Materials Department, Imperial College, London)
- 26<sup>th</sup> January 2007 Dr Johan M. Carlsson *Theoretical Insight into the Oxidation of Nanoporous Carbon Materials*  
(Theory Department, Fritz-Haber-Institut der Max-Planck-Gesellschaft, Germany)
- 2<sup>nd</sup> February 2007 Prof. Jim Scott *Ferroelectric Random Access Memories*  
(Earth Sciences Department, Cambridge University)
- 9<sup>th</sup> February 2007 Dr Neil Mathur *Transformation of Spin Information into Large Electrical Signals via Carbon Nanotubes*  
(Materials Science and Metallurgy, Cambridge)
- 16<sup>th</sup> February 2007 Dr Thomas Pichler *Functionalized Nanotubes: Archetype Nanostructures with Tunable Electronic Properties*  
(Leibniz Institute for Solid State and Materials Research, Dresden, Germany)
- 23<sup>th</sup> February 2007 Dr Terry Clapp *The Emergence of Molecular Materials in High Technology*  
(Dow Corning)
- 2<sup>nd</sup> March 2007 Dr Tim Coombs *Superconductors*  
(CAPE)
- 9<sup>th</sup> March 2007 Dr Neil Collings *Holographic Projection*  
(CAPE)
- 16<sup>th</sup> March 2007 Dr John Ingham *Recent Advances in Optical Datacommunication Systems*  
(CAPE)
- 23<sup>th</sup> March 2007 Prof. Jeremy Allam *Spectral-Temporal Dynamics and Phase Control of Femtosecond Transients in Semiconductor Lasers*  
(Advanced Technology Institute, University of Surrey)
- 30<sup>st</sup> March 2007 Dr Peter Pauzarskie *Characterization and Optoelectronic Manipulation of Inorganic Nanowires*  
(Department of Chemistry, UC Berkeley, USA)



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