

# CAPE Advanced Technology Lectures: Lent 2009

CAPE ATRIUM-4 pm :

- 16<sup>th</sup> January 2009 Dr Vincent Jourdain Mechanisms of Single-wall Carbon Nanotube Growth and  
(Université Montpellier II, France) Deactivation From In-Situ Raman Measurements
- 23<sup>rd</sup> January 2009 Prof. Shobo Bhattacharya Seeing is Believing: Imaging Persistence of  
(Tata Institute of Fundamental Research, India) Non-Volatile Memory in Ferroelectrics and  
Related Systems
- 30<sup>th</sup> January 2009 Dr Mauro Taborelli Thin Film Coatings for Particle Accelerators at CER N  
(CERN, Switzerland)
- 6<sup>th</sup> February 2009 Dr David Brown Hybrid Carbon Nanomaterials For Functional Films  
(CANATU Inc, Finland)
- 13<sup>th</sup> February 2009 Prof. Tom Thomson The Search for Tbits/in<sup>2</sup>: Understanding the Fundamentals  
(University of Manchester, UK) of Nanomagnetism
- 20<sup>th</sup> February 2009 Dr Ed McCann Pseudospintronics in Graphene  
(Lancaster University, UK)
- 27<sup>th</sup> February 2009 Dr Mark Mann The Use of Carbon Nanotubes as Electron Sources for  
(CAPE) Electron Microscopes
- 6<sup>th</sup> March 2009 Dr Alex G. Rozhin Nanotube Based Photonics  
(CAPE)
- 13<sup>th</sup> March 2009 Dr David G Hasko Practical non-classical information processing  
(CAPE)
- 20<sup>th</sup> March 2009 Dr Stephane Calvez Dilute Nitride Compounds and Devices  
(University of Strathclyde, UK)
- 27<sup>th</sup> March 2009 Dr Silvia Giordani From Molecular Switches to Carbon Nanotubes  
(Trinity College Dublin, Ireland) in the Search of New Materials
- 3<sup>rd</sup> April 2009 Dr Onofrio Marago A Light Touch on Nanostructures: Femtonewton Force Sensing  
(Istituto Processi Chimico-Fisici, Italy) and Nanometric Spatial Resolution



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