

## EDM Group Friday Seminars: Michaelmas 2004

### Lecture Room 3-4 pm

- 15<sup>th</sup> October 2004 Prof. Ann Dowling  
(CUED) *Nanoscience and Nanotechnologies: Opportunities and Uncertainties*
- 22<sup>th</sup> October 2004 Dr Cait McPhee  
(Biological Physics Group, Cavendish Laboratory, Cambridge) *Biological Structures as Components in Novel Devices*
- 29<sup>th</sup> October 2004 Dr Vincent Jourdain  
(EDM Group, CUED) *Sequential Catalytic Growth of Matchstick Nanotubes*
- 5<sup>th</sup> November 2004 Dr David Williams  
(Hitachi Cambridge Laboratory) *Solid-State Structures for Quantum Information Processing*
- 12<sup>th</sup> November 2004 Dr Yong Qing Fu  
(EDM Group, CUED) *Nanocomposite Thin Films: Towards Superior Mechanical Properties*
- 19<sup>st</sup> November 2004 Prof James Scott  
(Earth Sciences, Cambridge) *High-Dielectric Nanotubes and Nano-Ribbons*
- 26<sup>th</sup> November 2004 Dr Zahid A. K. Durrani  
(EDM Group, CUED) *Single-Electron and Quantum Dot Devices in Silicon*
- 3<sup>th</sup> December 2004 Dr Pedro Estrela  
(Polysilicon TFT Group, CUED) *Label-Free Electrical Detection of Biomolecular Interactions with Field Effect Devices*
- 10<sup>th</sup> December 2004 Ms Barbara Falabretti  
Ms Shu- Pei, Oei  
(EDM Group, CUED) *Interstitial Oxygen Point Defects in Zirconia  
Carbon Nanotube Sensors*
- 17<sup>th</sup> December 2004 Dr Sara Vieira  
(EDM Group, CUED) *Functionalised Fullerenes, B-doped and BN Nanotubes: Synthesis and Characterization*



UNIVERSITY OF  
CAMBRIDGE

ELECTRONIC DEVICES  
& MATERIALS GROUP

