

EDM Group Seminars: *Easter 2004*

Lecture Room 4/7/3B-4 pm

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| 23 th April 2004 (4) Mr Stefano Piscanec
(EDM group, CUED) | | <i>Synthesis and Characterization of Silicon Nanowires</i> |
| 27 th April 2004 (4) Prof. Paul Mc Intyre
(Stanford University) | Nanometer-Scale Semiconductor Structures and High Permittivity Dielectrics: Materials and Interfaces | |
| 30 th April 2004 (4) Dr Onofrio Marago'
(CNR-Istituto per i Processi Chimico-Fisici, Messina, Italy) | | <i>Atom Nano-Fabrication with Cold Gallium Atoms</i> |
| 7 th May 2004 (4) Dr Paul May
(University of Bristol, School of Chemistry) | | <i>Experimental Investigations and Computer Simulations on the Growth Mechanism for Ultra-Nanocrystalline Diamond Films</i> |
| 14 th May 2004 (4) Prof. Achim Hartschuh
(University of Siegen, Germany) | High-Resolution Near-Field Raman and Fluorescence Spectroscopy on Individual Single-wall Carbon Nanotubes | |
| 21 th May 2004 (4) Dr Rodrigo Lacerda
(EDM Group, CUED) | | <i>Clean Growth of Single-Wall Carbon Nanotubes for Electronic Devices</i> |
| 28 st May 2004 (7) Dr Jack Luo
(EDM Group, CUED) | | <i>Development of Various Thermal Actuators Using Electroplated Ni Films</i> |
| 4 th June 2004 (7) Mr Alan Colli
(EDM Group, CUED) | | <i>ZnSe Nanowires and ZnSe/GaAs Heterostructures by Molecular Beam Epitaxy</i> |
| 11 th June 2004 (4) Dr Steffi Friedrichs
(Nanoscience Centre, Cambridge) | Combined High-Resolution and Analytical TEM Characterisation of Single-Walled Carbon Nanotube Composites | |
| 18 th June 2004 (3B) Miss Sharvari Dalal
Miss Lan Li
(EDM Group, CUED) | | <i>CVD Growth of Nanowires
Ab-Initio Simulations of Carbon Nanotubes Growth</i> |
| 25 th June 2004 (3B) Miss Cinzia Casiraghi
(EDM Group, CUED) | | <i>The Smoothness of Tetrahedral Amorphous Carbon</i> |
| 2 th July 2004 (3B) Miss Shufan Lin
Mr Ka Xiong
(EDM Group, CUED) | | <i>Stability of Fully Deuterated Amorphous Silicon Thin Film Transistor
High K Dielectrics</i> |
| 9 th July 2004 (3B) Dr Cait MacPhee
(Cavendish Laboratory, BioPhy Group) | | <i>Biological Structures as Components in Novel Devices</i> |
| 16 th July 2004 (3B) Mr Johnny He
(EDM Group, CUED) | Young's Modulus Extraction by Bending Micro-Machined Thin-Film Cantilevers for Optoelectronics Devices and Packaging | |
| 23 th July 2004 (3B) Mr Billy Boyle
(EDM Group, CUED) | | <i>The Use of Biteable Structures in Opto-Hybrid Assembly</i> |



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