

CAPE-CIKC Advanced Technology Lectures: *Easter 2010*

CAPE ATRIUM-4 pm:

- 30th April 2010** Dr Saverio Russo *Band Structure Tuneability of Biased Graphene Materials*
(Exeter University, UK)
- 7th May 2010** Dr Hideaki Page *Long Wavelength Photonics, Intersubband Devices, and the Terahertz Gap*
(CAPE)
- 14th May 2010** Dr Zhipei Sun *Ultrafast Fiber Lasers Enabled by Nanotubes and Graphene*
(CAPE)
- 21st May 2010** Prof. Young-Woo Sun *Energy Gaps in Graphene Nanoribbons, Graphene and Bilayer Graphene*
(Korea Institute for Advanced Study, Seoul, Korea)
- 28th May 2010** Dr Raul Arenal De la Concha *Heteroatomic Single-Wall Nanotubes: Atomic Configuration, Structural and Physical Properties Studies via TEM*
(Onera-CNRS, Paris)
- 4th June 2010** Dr Vasili Perebeinos *Carbon Based Electronics and Optoelectronics*
(IBM T.J.Watson Research Center, New York, USA)
- 11th June 2010** Dr Chris Bower *Nanotechnologies for Mobile Devices*
(Nokia Research Centre, Cambridge, UK)
- 18th June 2010** Prof Thomas Seyller *Epitaxial Graphene on SiC(0001): Growth, Electronic Structure, and Interface Engineering*
(University of Erlangen, Germany)
- 25th June 2010** Dr Alexander Tzalenchuk *Quantum Resistance Standard Based on Graphene*
(National Physical Laboratory, UK)
- 2nd July 2010** Dr Massimo Ghidini *Magnetoelectric Coupling Via Magnetic Force Microscopy*
(Materials Science and Metallurgy, University of Cambridge)
- 9th July 2010** Dr Marco Polini *Velocity-Modulation Control of Electron-Wave Propagation in Graphene*
(Scuola Normale Superiore di Pisa, Italy)
- 16th July 2010** Dr Billy Boyle *Commercialization of a MEMS Gas Sensor*
(Owlstone, Cambridge, UK)
- 23rd July 2010** Dr Vittorio Pellegrini *Optical Spectroscopy of Electron States in Gallium Arsenide Nanostructures*
(Scuola Normale Superiore di Pisa, Italy)