

CAPE-CIKC Advanced Technology Lectures: Michaelmas 2011

CAPE ATRIUM-4 pm:

- 7th October 2011** Dr Stefano Borini *Graphene-Based Quantum Hall Effect Devices*
(INRIM, Torino, Italy)
- 14th October 2011** Prof. Michael J. Kelly *Intrinsic Un-Manufacturability In Nanoelectronics*
(CAPE)
- 21st October 2011** Dr Alessandro Tredicucci *When Photonics and Electronics Meet:
Device Concepts For The THz Frequency Range*
(Scuola Normale Superiore, Pisa, Italy)
- 28th October 2011** Edmund Kelleher *Nonlinear Fibre Optics: From Continuous Waves to
Femtosecond Pulses*
(Imperial College, London, UK)
- 4th November 2011** Prof. Clare Grey *Towards The Next Generation Of Batteries And Supercapacitors
For Transport And Grid Storage*
(Department of Chemistry, Cambridge University, UK)
- 11th November 2011** Dr Ravi S. Sundaram *Chemically Derived Graphene: Structure, Transport
And Contacts*
(CAPE)
- 18th November 2011** Prof. Max Lemme *Graphene Devices: Technology and Applications*
(KTH Royal Institute of Technology, Stockholm, Sweden)
- 25th November 2011** Prof. Arokia Nathan *Low Stress Barrier/Encapsulation Layer For
TFT Backplanes on Transparent Plastic*
(CAPE)
- 2nd December 2011** Dr Thomas Mueller *Photodetection in Graphene*
(Vienna University of Technology, Austria)
- 9th December 2011** Prof. Fabio Beltram *Some Nanotools For Molecular Sensing And Delivery*
(Scuola Normale Superiore, Pisa, Italy)
- 16th December 2011** Prof. Luisa Torsi *Ultra-Sensitive Electronic Transistor Sensors*
(Universita' di Bari, Italy)



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Advanced Manufacturing Technologies for Photonics and Electronics –
Exploiting Molecular and Macromolecular Materials