

# Graphene CDT Advanced Technology Lectures: Michaelmas 2014

## Electrical Engineering ATRIUM-4 pm:

- 10<sup>th</sup> October 2014** Prof. Marco Romagnoli *Silicon Photonics For The Zettabyte Era*  
(Scuola Superiore Sant'Anna, Pisa, Italy)
- 17<sup>th</sup> October 2014** Prof. Bruno Riccò *"Strange" Cases In Electron Device Tunneling*  
(University of Bologna, Italy)
- 24<sup>th</sup> October 2014** Dr Luigi Occhipinti *Innovation Opportunities And Manufacturing Challenges For  
(CIM Large Area Electronics, Cambridge) Flexible Electronics And Smart Systems Integration*
- 31<sup>st</sup> October 2014** Prof. Derek Frey *Interaction Of Carbon With Molten Salts And Ionic Liquids*  
(Materials Science and Metallurgy, Cambridge)
- 7<sup>th</sup> November 2014** Prof. Eugenio Cantatore *Printed And Flexible Electronics: The Pathway  
(Eindhoven University of Technology, Netherlands) To The Internet Of Everything*
- 14<sup>th</sup> November 2014** Dr Daniel Neumaier *Graphene Based Electronic And Optoelectronic Devices  
(AMO GmbH, Germany) For High-Frequency Applications*
- 21<sup>st</sup> November 2014** Prof. Rudolf Bratschitsch *Ultrafast Nano-Optics With Atomically Thin  
(University of Munster, Germany) Transition Metal Dichalcogenides*
- 28<sup>th</sup> November 2014** Dr Maxim Trushin *Interband Optical Excitations in Graphene  
(University of Konstanz, Germany) Pump-Probe Spectroscopy And Photodetection*
- 5<sup>th</sup> December 2014** Prof. Michael Kelly *Future Energy Needs And Engineering Reality  
(Electrical Engineering, Cambridge)*
- 12<sup>th</sup> December 2014** Prof. Anders Larsson *High Speed VCSELS And Optical Interconnects  
(Chalmers University of Technology, Sweden)*