

# Graphene CDT Advanced Technology Lectures: Michaelmas 2016

## Cambridge Graphene Centre Seminar Room-4 pm:

- 7<sup>th</sup> October 2016** Prof. Ivanka Milosevic  
(University of Belgrade, Serbia) *Electron-Phonon Coupling In Layered Atomic Structures*
- 14<sup>th</sup> October 2016** Dr Abu Sebastian  
(IBM, Zurich) *Resistive Memory Devices For Future Computing Systems*
- 21<sup>st</sup> October 2016** Prof. Deji Akinwande  
(The University of Texas at Austin, USA) *2d Materials: Opto-Electronics, Straintronics, Memory  
And New Concepts*
- 28<sup>th</sup> October 2016** Prof. Dario Daghero  
(Politecnico di Torino, Italy) *Point-Contact Andreev-Reflection Spectroscopy  
In Low-dimensional Superconducting Systems*
- 4<sup>th</sup> November 2016** Dr Sohini Kar-Naraya  
(University of Cambridge, UK) *Polymer-Based Nanogenerators: Small Power, Big Impact*
- 11<sup>th</sup> November 2016** Prof Andrea Perali  
(University of Camerino, Italy) *High-Temperature Electron-Hole Superfluidity In  
Double-Bilayer Graphene*
- 18<sup>th</sup> November 2016** Prof. Xie Xiaoming  
(Shanghai Institute of Microsystems and Information Technology, China) *Growth Of Graphene Single Crystals And Graphene/hBN*
- 25<sup>th</sup> November 2016** Prof. Tullio Scopigno  
(Universita' La Sapienza, Italy) *Raman Spectroscopy Of Graphene With  
Ultrafast Laser Excitation*
- 2<sup>nd</sup> December 2016** Dr Filippo Mangolini  
(University of Leeds, UK) *Advanced Amorphous Carbon-Based Surfaces*
- 9<sup>th</sup> December 2016** Prof. Sang Ouk Kim  
(KAIST, Korea) *Nanoscale Assembly And Chemical Modification Of  
Graphene-Based Nanomaterials*
- 16<sup>th</sup> December 2016** Dr Panagiotis Karagiannidis  
(University of Cambridge, UK) *Conductive Inks, Fibers And Aerogels  
From Graphite Microfluidization*



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