Graphene-based Technologies
Queen Mary University of London, 20 February 2015
Programme

09:30 Arrival

09:55 Welcome
Rob Lewis, Chairman IET Antennas and Propagation Network

Keynote Speaker
Graphene Photonics and Optoelectronics
10:00 Andrea Ferrari, Director, Cambridge Graphene Centre and Head of the Nanomaterials and Spectroscopy Group, University of Cambridge Engineering Department and Nanoscience Centre

10:35 Graphene microwave measurement and NEMs applications
Dr Ling Hao, National Physical laboratory (NPL)

11:00 Break

11:20 Graphene devices for high frequency applications
Professor Henri Happy, Institute of Electronic, Microelectronic and Nanotechnology (IEMN), University of Lille

11:45 Poster ‘lightning’ presentations
- Optical and Electrical Properties of Multilayer CVD Graphene on GaAs
  Hong-Yoel Kim, School of Materials, University of Manchester
- Design and Modelling of Graphene based Attenuator
  Ting Leng, School of Electrical and Electronic Engineering, University of Manchester
- Graphene as a novel single Photon Counting Optical and IR Photodetector
  Jamie Williams, Department of Physics & Astronomy, University of Leicester
- Study of graphene based ultra-thin flat lenses
  Haider Butt, School of Mechanical Engineering, University of Birmingham
- Measurement of Graphene at Microwave and THz Frequencies
  Dr Anestis Katsounaros, Queen Mary University of London
- Modelling of Graphene Transistors for RF and THz Applications
  Mr Jing Tian, Queen Mary University of London

12:15 Lunch (Poster session)

13:30 Graphene-based Composites
Professor Nicola Pugno, Professor of Solid and Structural Mechanics at the University of Trento

Microwave-to-terahertz characterization and applications of CVD graphene
Professor Norbert Klein, Professor of Electromagnetic Materials Director of Imperial's Centre for Terahertz Science and Engineering Department of Materials, Imperial College London
14:20  CVD Enabled Graphene Manufacture and Technology  
*Dr Stephan Hofmann, Department of Engineering | University of Cambridge*

14:55  **Break**

15:15  Emerging Graphene Technologies: Flexible Transparent Conductors  
*Moon Kang, Department of Engineering, Electrical Engineering Division | University of Cambridge*

15:40  Microwave radiation and absorption from CVD Graphene  
*Yang Hao, Professor in Antennas and Electromagnetics, School of Electronic and Computer Science, Queen Mary University of London*

16:05  Design and Fabrication of The Graphene Broadband CPW Monopole Antenna  
*Xiao Zhang, School of Electrical and Electronic Engineering, University of Manchester*

16:30  Closing remarks

16:40  Finish