

Graphene CDT Advanced Technology Lectures: Lent 2015

Electrical Engineering ATRIUM-4 pm:

16th January 2015 Dr Foysol Chowdhury
(Cambridge CMOS sensors)

MEMS CMOS Platform For Graphene-Based Sensors

23rd January 2015 Prof. Antti-Pekka Jauho
(DTU, Denmark)

*Nanostructured Graphene: Challenges In Fabrication
And Modeling*

30th January 2015 Prof. Oleg Yazyew
(EPFL, Switzerland)

Polycrystalline Graphene And Other 2d Materials

6th February 2015 Dr Tim Echtermeyer
(University of Manchester, UK)

Graphene And Silicon Photonics Sensors

13th February 2015 Prof. Norbert Klein
(Imperial College London, UK)

Microwave-To-Terahertz Waveguides And Resonators

20th February 2015 Prof. Marc M. Heyns
(Katholieke Universiteit Leuven, Belgium)

CMOS Scaling Beyond The Si Roadmap

27th February 2015 Dr Arkady Krashenninikov
(Aalto University, Finland)

*2d Transition-Metal Dichalcogenides:
Doping, Alloying And Electronic Structure Engineering*

6th March 2015 Dr Sarah Bohndiek
(University of Cambridge, UK)

Spectral Imaging Methods To Improve Cancer Diagnosis

13th March 2015 Prof. Ronald Outlaw
(College of William & Mary, USA)

*High-Frequency Vertically-Oriented Graphene
Electrical Double Layer Capacitors*

20th March 2015 Prof. Juan Mosig
(EPFL, Switzerland)

*Graphene For Antenna System Applications In The
Terahertz Frequency Range*

27th March 2015 Prof. Milo Shaffer
(Imperial College London, UK)

Versatile And Scalable Approaches To Assembling Nanocarbons