

Graphene CDT Advanced Technology Lectures: *Lent 2023*

Cambridge Graphene Centre Seminar Room-4 pm:

27th January 2023 Dr Meganne Christian, CNR-IMM Section of Bologna
Unconventional graphene structures and unconventional applications: South Pole and Space

3rd February 2023 Prof. Habib Rostami, University of Bath
Acoustic, chiral, and shear phonons' engineering in 2D materials

10th February 2023 Prof Costas Galiotis, Dept. of Chem. Eng., University of Patras, and FORTH/ICE-HT
Graphene grown on solid and liquid catalysts by chemical vapour deposition; Real-time monitoring and kinetic studies

17th February 2023 Dr Wolfgang Theis, University of Birmingham
Scanning Transmission Electron Microscopy: Tomography, High Throughput Measurements, and Machine Learning

24th February 2023 Prof. Konstantinos Rogdakis, Institute of Hellenic Mediterranean University
Perovskites meet 2D materials: A novel materials platform for efficient energy harvesting and neuromorphics.

3rd March 2023 Prof. Karolina Słowik, Nicolaus Copernicus University
GRANAD toolbox to study optoelectronic properties of low-dimensional structures

10th March 2023 Dr. Neil Rees, University of Birmingham
Some Applications of Electrochemical Impacts

17th March 2023 Prof. Elena Besley, University of Nottingham
Flexibility and curvature of two-dimensional supramolecular arrays and graphene

24th March 2023 Prof. Michael Morris, Trinity College Dublin, the University of Dublin
Emerging trends in integrated circuits - opportunities for 2D materials

31st March 2023 Prof. Stefano Pluchino, University of Cambridge
Fuels and drivers of smouldering brain disease



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