

Graphene CDT Advanced Technology Lectures: *Michaelmas 2022*

Cambridge Graphene Centre Seminar Room-4 pm:

- 14th October 2022** Dr Leonid Ponomarenko
(University of East London, UK) *Electron Transport In Graphene: Diffusive, Ballistic, Hydrodynamic*
- 21st October 2022** Dr Eva A. A. Pogna
(CNR-IFN, Italy) *Hot electrons' cooling dynamics in graphene and graphene-based heterostructures*
- 28th October 2022** Dr Mijung Lee
(Cambridge Graphene Centre, UK) *Carbon based e-textile devices for wearable electronics*
- 04th November 2022** Prof Simone De Liberato
(University of Southampton, UK) *Weaving light into quantum materials*
- 11th November 2022** Dr Lorenzo Di Michele
(University of Cambridge, UK) *Building synthetic cells with DNA*
- 18th November 2022** Prof. Miriam Serena Vitiello
(CNR, Pisa, Italy) *Photonic devices at THz frequencies exploiting 2D materials*
- 25th November 2022** Prof. Gianluca Fiori
(Universita di Pisa, Italy) *Printable and flexible electronics applications enabled by two-dimensional materials*
- 02nd December 2022** Prof. Dario Polli
(Politecnico di Milano) *High-speed vibrational microscopy and deep-learning algorithms to image cells and tissues*
- 09th December 2022** Prof. Andrei Khlobystov
(University of Nottingham, UK) *Metal atoms and clusters on surfaces and interfaces*
- 16th December 2022** Dr Roberto Osellame
(Politecnico di Milano) *Femtosecond-laser-written integrated photonic circuits for quantum technologies*

