

QAMSS SRI Advanced Technology Lectures: Easter 2024
Cambridge Graphene Centre Seminar Room-4 pm:

- 5th April 2024** Dr Roberto Sabella *The Emergent Role Of Silicon Photonics In Future Mobile Networks
(Ericsson, Italy) And Systems*
- 12th April 2024** Prof. George Malliaras *Technology For Bioelectronic Medicine
(University of Cambridge, UK)*
- 19th April 2024** Prof. Andrew Flewitt *The Challenge Of Realizing Low Power Logic From Thin Film Semiconductors
(University of Cambridge, UK)*
- 26th April 2024** Prof. Andrea Balducci *Development And Characterization Of Novel And Sustainable Electrolytes
(University of Jena, Germany) For High Power Devices*
- 3rd May 2024** Prof. Ifor Samuel *Organic Semiconductor Optoelectronics
(University of St Andrews, UK)*
- 10th May 2024** Prof. Colm Durkan *Tailoring Graphene's Bandgap
(University of Cambridge, UK)*
- 17th May 2024** Prof. Roman Gorbachev *Ultraclean Layer Transfer And Atomic Reconstruction
(University of Manchester, UK) In Twisted TMD Lattices*
- 20th May 2024** Prof. Kostya Novoselov, *Materials For The Future
(National University of Singapore, Singapore)*
- 24th May 2024** Prof. Janet Anders *Quantum Thermodynamics For Atomistic Spin Dynamics
(University of Exeter, UK) And Cold Atom Thermometry*
- 31st May 2024** Prof. Jianxin Zou, *Advanced Mg-Based Energy Storage Materials And Their Applications
(Shanghai Jiao Tong University, China)*
- 7th June 2024** Prof. Anthony Laing *Quantum Computing And Simulations Using Photons
(University of Bristol, UK)*
- 14th June 2024** Prof. Alexei Bylinskii *Analogue Quantum Computing With Neutral Atoms
(Harvard University, USA)*
- 21st June 2024** Prof. Vittorio Bellani *Atomic Scale Microscopy Of Graphene And Twisted Layered Materials
(University of Pavia, Italy)*
- 28th June 2024** Prof. Christoph Lienau *Two-Dimensional Electronic Spectroscopy Of Many-Body Correlations
(University of Oldenburg, Germany) In Quantum Materials*
- 12th July 2024** Prof. Kai Muller, *Building Blocks For Photonic Quantum Technologies
(Technical University of Munich, Germany)*
- 19th July 2024** Prof. Chennupati Jagadish *Semiconductor Nanostructures For Optoelectronics
(Australian National University, Australia)*
- 26th July 2024** Prof. Armando Rastelli *Generation And Use Of Entangled Photons From GaAs Quantum Dots
(Johannes Kepler University Linz, Austria)*
- 2nd August 2024** Prof. Giti Khodaparast, *Coherent States In Multifunctional Materials
(Virginia Tech, USA) For Phononics, Magnonics, And Photonics*