

QAMSS SRI Advanced Technology Lectures: Lent **2026**

Cambridge Graphene Centre Seminar Room, 4 pm:

- **10 April 2026 — Francesca Iacopi, IMEC, USA**
The Future of Nanoelectronics
- **17 April 2026 — Qian Yang, University of Manchester, UK**
Water and Ionic Transport in Layered Materials Nanocapillaries
- **24 April 2026 — Amparo Guemes Gonzalez, University of Cambridge, UK**
Decoding Peripheral Neural Signals of Metabolism Using Organic Bioelectronics
- **1 May 2026 — Martijn Heck, Eindhoven University of Technology, Netherlands**
The Road Ahead for Integrated Photonics
- **8 May 2026 — Giuseppe Carleo, EPFL, Switzerland**
Machine Learning for Strongly Correlated Quantum Systems
- **15 May 2026 — Mehdi Asghari, SiLC Technologies Inc., USA**
Silicon Photonics for Real-Time Imaging Beyond 3D
- **22 May 2026 — Markus Hellenbrand, University of Cambridge, UK**
Precision Materials Engineering for Future Compute and Memory
- **29 May 2026 — Antonio Ambrosio, IIT, Italy**
Optical Probes for Low-Dimensional Materials
- **1 June 2026 — Vladimir M. Shalaev, Purdue University, USA**
Metamaterials at Crossroads: From Quantum to Space–Time Photonics
- **12 June 2026 — Marcos H. D. Guimaraes, University of Cambridge, UK**
Polarisation-Controlled Photocurrent and Many-Body Exciton Interactions in Layered Materials
- **19 June 2026 — Timo Aalto, VTT**
Photonic Integrated Circuits for Computing, Communication, Sensing and Imaging
- **22 June 2026 — Steven A. Ringel, The Ohio State University**
Quantitative Defect Spectroscopies
- **26 June 2026 — Ross King, University of Cambridge, UK**
The Automation of Science
- **3 July 2026 — Lorenzo Peri, Quantum Motion**
Spin-Qubits in Silicon
- **10 July 2026 — Eugene Terentjev, University of Cambridge**
Liquid Crystal Elastomers and Sustainable Adaptive Materials
- **24 July 2026 — Mário Ferreira, University of Aveiro, Portugal**
Nonlinear Phenomena in Specialty Optical Fibers
- **31 July 2026 — Hamza Shakeel, Queen's University Belfast, UK**
Fused Silica Glass for Microfluidic, Packaging and Resonator Applications

