

QAMSS SRI Advanced Technology Lectures: Lent 2025
Cambridge Graphene Centre Seminar Room-4 pm:

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| 10th January 2025 Prof. Bin Yu (Zhejiang University, China) | <i>Nanoelectronics: Towards End Of Scaling And Beyond</i> |
| 17th January 2025 Prof. Iman Tavakkolnia (University of Cambridge, UK) | <i>Optical Wireless Communications And Applications For Future Connectivity</i> |
| 31st January 2025 Prof. Gábor Csányi (University of Cambridge, UK) | <i>Foundation Models For Atomistic Materials Chemistry</i> |
| 7th February 2025 Prof. Marc-Olivier Coppens (University College London, UK) | <i>Nanoconfinement Effects On Diffusion And Reaction In Porous Materials</i> |
| 14th February 2025 Prof. Callum Littlejohns (University of Southampton, UK) | <i>Emerging Applications Of Silicon Photonics</i> |
| 21st February 2025 Prof. Peter O'brien (University College Cork, Ireland) | <i>Photonic And Electronic Packaging Technologies</i> |
| 28th February 2025 Prof. Viv Kendon (Strathclyde University, UK) | <i>Quantum Walk Algorithms For Finding Spin Glass Ground States</i> |
| 7th March 2025 Prof. Michael J. Wale (University College London, UK) | <i>Integrated Photonics</i> |
| 14th March 2025 Prof. Arben Merkoci (ICN2, Spain) | <i>Affordable And Sustainable Nanobiosensors</i> |
| 21st March 2025 Prof. Mikhail Katsnelson (Radboud University Nijmegen, Netherlands) | <i>Complexity In Materials Science</i> |
| 28th March 2025 Prof Symeon Chatzinotas (University of Luxembourg, Luxembourg) | <i>Mega Constellations: Trends, Technologies And Vision</i> |
| 4th April 2025 Prof. Mathieu Chauvet (University of Franche-Comté, France) | <i>LiNbO₃ Films For Nonlinear Photonics</i> |
| 11th April 2025 Dr Cillian Mcpolin (Digital Catapult, UK) | <i>Quantum Sensing</i> |