

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

**4<sup>th</sup> October 2024** Prof. Giulia Grancini  
(University of Pavia, Italy)

*Low Dimensional Hybrid Perovskites*

**11<sup>th</sup> October 2024** Prof. Alex Jones  
(National Physical Laboratory, UK)

*Animal Magnetoreception: Nature's Quantum Sensing*

**18<sup>th</sup> October 2024** Prof. Chiara Ciccarelli  
(University of Cambridge, UK)

*THz Spintronics*

**25<sup>th</sup> October 2024** Prof. Tim Wilkinson  
(University of Cambridge, UK)

*Computer Generated Holography*

**1<sup>st</sup> November 2024** Prof. Coskun Kocabas  
(University of Manchester, UK)

*Topological Control Of Light*

**8<sup>th</sup> November 2024** Prof. Harald Haas  
(University of Cambridge, UK)

*Recent Advances In Light-Based Wireless Networking*

**15<sup>th</sup> November 2024** Prof. Thomas Weitz  
(Georg-August-University Göttingen, Germany)

*Correlated Phases In Bilayer Graphene*

**22<sup>nd</sup> November 2024** Prof. Alexander Tartakovski  
(University of Sheffield, UK)

*Nanophotonics and Strong Light-matter Interaction In  
Layered Materials*

**29<sup>th</sup> November 2024** Prof. Christoph Schran  
(University of Cambridge, UK)

*Atomistic Insight Into Nanoconfined Water*

**6<sup>th</sup> December 2024** Prof. Martin Maier  
(INRS, Canada)

*6G Intelligentization*

**13<sup>th</sup> December 2024** Dr Alan Colli  
(Emberion Ltd., UK)

*Nanomaterials-based Quantum Detectors For Multi-band Infrared Cameras*



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