QAMSS SRI Advanced Technology Lectures: *Easter 2023*

Cambridge Graphene Centre Seminar Room-4 pm:

21st April 2023 Professor Jianxin Zou, Shanghai Jiao Tong University, China
Mg-Based Nano-Heterostructures For Hydrogen Storage And Transportation

28th April 2023 Professor Nicola Lattanzi, IMT School for Advanced Studies Lucca, Italy
Dynamic Capabilities And Artificial Intelligence To Manage Bias Risks in Business Modelling

05th May 2023 Dr Taofiq K. Paraïso, Toshiba Europe, Cambridge, UK
Advanced Laser Technology And Chip-Based Quantum Communications

12th May 2023 Professor Christopher Ford, University of Cambridge, UK
Nanoscale Electron Channels

26th May 2023 Professor Rachel Oliver, University of Cambridge, UK
New Possibilities In Nitride Photonics Exploiting Porosity

02nd June 2023 Professor Mario Lanza, King Abdullah University of Science and Technology, Saudi Arabia
Hybrid Layered Materials-CMOS Microchips For Memristive Applications

09th June 2023 Dr Margherita Mazzera, Heriot-Watt University,Scotland
Pioneering platform for integrated quantum memories

16th June 2023 Dr Francesco Matteucci, European Innovation Council, Belgium
Innovation Journey Of Advanced Materials For Energy

23rd June 2023 Dr Luca Sapienza, University of Cambridge, UK
Integrated quantum photonic devices to control light emission and propagation on a chip

30th June 2023 Mandar Deshmukh, Tata Institute of Fundamental Research, India
Quantum noise limited amplifier using graphene Josephson junctions

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Cambridge Graphene Centre Seminar Room-4 pm:

07th July 2023 Sieglinde Pfaendler, IBM Deutschland Research & Development GmbH, Germany
IBM Quantum: Technology roadmap and the importance of an open source ecosystem

21st July 2023 Professor Ross Waller, University of Cambridge, UK
Spatial Proteomics of Cells

28th July 2023 Yap Yoke Khin Michigan Technological University, USA
Boron Nitride van der Waals Heterostructures for Advanced Electronics and Biomedicine

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