



UCLQ QUANTUM EVENT: A GLOBAL INNOVATION CENTRE IN THE HEART OF LONDON

Organizers
John Morton
Andrew Fisher
Dan Browne

26th September 2018 | Barbican, London

Wednesday, September 26th

- 14:30 - 15:00 Registration
- 15:00 - 15:10 Welcome | Double Frobisher Room
[John Morton and Andrew Fisher, UCL](#)
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- 15:10 - 15:25 A new quantum sensing platform: atomic magnetometers and induction imaging
[Luca Marmugi, UCL](#)
- 15:25 - 15:40 The quantum app store
[Andrea Rocchetto, UCL](#)
- 15:40 - 15:55 Machine learning on noisy intermediate scale quantum computers
[Edward Grant, UCL](#)
- 15:55 - 16:10 Scaling-up quantum computing using silicon CMOS technology
[Fernando Gonzalez-Zalba, HITACHI CAMBRIDGE LABORATORY](#)
- 16:10 - 16:30 Coffee Break
- 16:30 - 16:45 Optomechanics for inertial sensing and enabling quantum technology
[Lia Li, UCL](#)
- 16:45 - 17:00 Quantum annealing using superconducting flux qubits
[Louis Fry-Bouriaux, UCL](#)
- 17:00 - 17:15 EPSRC Prosperity Partnership in Quantum Software for Modeling and Simulation
[John Morton and Dan Browne, UCL](#)
- 17:15 - 17:30 A global innovation centre in the heart of London
[Paul Warburton, UCL](#)
- 17:30 - 20:00 Poster Session and Networking Event | Conservatory Terrace
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