

## NETWORKED QUANTUM INFORMATION TECHNOLOGIES

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University of Oxford, Department of Physics, Clarendon Laboratory, United Kingdom Hybrid light-matter networks offer the promise for delivering robust quantum information processing technologies, from sensor arrays to secure communications to quantum simulators and eventually to a quantum computer. Photonics plays a major role in delivering these new enhanced performance applications. I will describe recent science and engineering progress towards build a resilient, scalable photonic quantum network.

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2:00 PM

CFEL SEMINAR ROOMS I-III

















