

Virtual Institute of Quantum Metrology, Sensing, and Imaging

Director: Ian Walmsley (Oxford)

Executive secretary: Fedor Jelezko (Ulm)

Many branches of QIPC have gone past the proof-of-principle phase, and in the short term the first technological applications of quantum coherence and entanglement will appear. This institute embraces all groups/industries working on the different aspects of these technologies which can be split into two main categories: either technologies that represent genuine applications of QIPC (e.g., quantum metrology, quantum imaging, quantum random number generators, etc.), or technologies instrumental in developing QIPC devices (e.g., single- and entangled-photon sources and detectors, chips for ion and atom traps, etc.)

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