

Symposium

Assurance and Certification for Quantum Communication Technologies

West Road Concert Hall

Wednesday 20th September 2017

17:30-18.30

Perspectives on requirements and routes to providing assurance for QKD and QRNG technology will be presented. These are expected to be of particular interest to those with an interest in the assurance and certification of such technologies, and may also be considered as scene-setters for discussions on this topic at the QCrypt2017 Industry Session on Thursday 21st September.

Programme:

Forward-looking criteria for the certification of quantum key distribution systems
Marco Lucamarini, Toshiba Research Europe Ltd

QKD - routes to certification

Norbert Lütkenhaus, Institute for Quantum Computing, University of Waterloo

Assurance for Physical Quantum Random-Number Generators – Principles

Roger Colbeck, University of York

No registration is required to attend this symposium.

The Symposium has been jointly organised by the European Metrology project “Optical metrology for quantum-enhanced secure telecommunication (MIQC2)”^[1] consortium and the ETSI Industry Specification Group on QKD (ETSI ISG-QKD). We also thank the QCrypt2017 Committees and the UK Quantum Communications Hub for allowing and helping us to organise this Symposium in parallel with QCrypt2017.

[1] The research within this EURAMET joint research project receives funding from the European Union's Horizon 2020 Research and Innovation Programme and the EMPIR Participating States.



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