



# Single-photon metrology and its application to quantum technologies

1900

Welcome (Christopher Chunnillall)

Pushing single-photon detectors to fundamental limits (Alan Migdall, NIST) +

Properties of single-photon detectors (Thomas Gerrits, NIST)

Characterisation of single-photon detectors (Ivo Pietro Degiovanni, INRIM)

2000

Break

2030

Properties of single-photon sources (Stefan Kueck, PTB)

Characterisation of single-photon sources (Sergey Polyakov, NIST)

Single-photon metrology applied to a quantum technology, i.e. QKD (Christopher Chunnillall, NPL)