

Program at Quantum Innovation 2022
Quantum Cryptography & Communication Track

Ready to deliver QKD to society: National initiatives, Industries and Standardization & Certification

The track aims to share with world leaders in Quantum Cryptography and Communication the latest status of cutting-edge technologies and discuss future perspectives on integrating these technologies with emerging infrastructures in the quantum era.

We also expect to examine what we can do in close collaboration with stakeholders.

11/28 [Mon]

17:30-18:10
(JST)

PL-03 Keynote

Keynote speaker:

Rupert Ursin, qtlabs, AUT

11/29 [Tue]

16:00-18:00
(JST)

CC-03 Quantum Cryptography 1-1

Chairperson:

Akihisa Tomita, Hokkaido Univ, JPN

Speakers:

Gregoire Ribordy, ID Quantique, CHE

Corey McClelland, Qubitekk, USA

Matthieu Dollon, Airbus Defence & Space, FRA

Mikio Fujiwara, NICT, JPN

18:00-18:20 **Break**

18:20-20:10 **CC-03 Quantum Cryptography 1-2**

Chairperson:

Takuya Hirano, Gakushuin Univ, JPN

Speakers:

Mamiko Kujiraoka, Toshiba Corp., JPN

Paolo Villorosi, Univ Padova, ITA

Alexander Ling, NUS, SGP

Saori Yokote, SKY Perfect JSAT Corp., JPN

11/30 [Wed]

16:00-17:20
(JST)

CC-05 Quantum Cryptography 2-1

Panel to discuss standardization & certification

Discussion moderators:

Masahide Sasaki, NICT, JPN

Martin Ward, Toshiba Europe Ltd., GBR

Panellists:

Dirk Fischer, BSI, DEU

Yoshimichi Tanizawa, Toshiba Corp., JPN

Norbert Lutkenhaus, Univ Waterloo, CAN

Masato Koashi, Univ Tokyo, JPN

Marcos Curty, Univ Vigo, ESP

17:20-17:40 **Break**

17:40-19:30 **CC-05 Quantum Cryptography 2-2**

Chairperson:

Masahiro Takeoka, Keio Univ, JPN

Speakers:

Hans Hyungsoo Kim, KT, KOR

Tim Spiller, Univ York, GBR

Eleni Diamanti, CNRS, FRA

Matthias Gunkel, DT, DEU