

# Standardization of Quantum Computing in JTC 1



2018.3

JETI started to develop the TTR of Quantum Computing



2018.11

JTC1 established SG2 on Quantum Computing



2019.4

SG2 accomplished the Study report of Quantum Computing



2019.5

JTC1 established AG4 on Quantum Computing



2020.4

JTC1 approved the 1st NWIP on Quantum computing terminology and vocabulary



2020.6

JTC1 established WG14 on Quantum Computing

## Activities of JTC1/WG14

### •Projects under development

- ISO/IEC WD 4879, Quantum computing –Terminology and vocabulary

### •WG meetings

- Every 3 months

### •Collaboration

- Participate in MSP WP on quantum IT.
- Attend IEC SMB/SWG10 meeting and ITU-T FGQIT4N meeting.
- Receive liaison statement from IEEE P7130, ITU-T FG-QIT4N, ITU-T SG13 and JTC1/SC38.
- E-mail contact with ETSI TC Cyber WG QSC, CEN CENELEC/FGQT.

## Plans of JTC1/WG14

### •Next WG meeting

- From 3.30 to 4.1

### •Projects

- Develop ISO/IEC WD 4879
- Focus on development of foundational deliverables including quantum architecture, quantum Internet, quantum algorithm, QC use cases

### •Collaboration

- Participate in MSP WP on quantum IT
- Establish liaison relationships with IEEE P7130, ITU-T FG-QIT4N, ITU-T SG13, JTC1/SC38 etc..

JTC1/WG14

Convenor: Hong Yang  
Secretary: Chi Zhang

AHG1

Convenor: Hong Yang

## Membership:

- 19NBs, 110members