

Symposium (Oral) | Symposium | Latest trend of device technologies for quantum computing

[17a-A307-1~6]Latest trend of device technologies for quantum computing

Akira Oiwa(Osaka University)

Fri. Mar 17, 2023 9:30 AM - 11:45 AM A307 (Building No. 6)

△ : Presentation by Applicant for JSAP Young Scientists Presentation Award

▲ : English Presentation

▼ : Both of Above

No Mark : None of Above

10:00 AM - 10:30 AM

[17a-A307-2]Challenges toward Quantum Internet by Integrating Superconducting Quantum Computers and Diamond Quantum Repeaters

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Keywords:quantum internet, quantum repeater, quantum computer

I will introduce challenges toward quantum Internet by integrating superconducting quantum computers and diamond quantum repeaters, which are coordinated by the Quantum Information Research Center of Yokohama National University under the Moonshot R&D project of the Cabinet Office and the Global quantum network project of the Ministry of Internal Affairs and Communications.