

2025 8/19

tue.

13:00~16:00

Hybrid Format

Language : English

Please scan here to access the registration form.

<https://forms.office.com/r/APmytkreP9>



Venue

**Convention Hall, 2nd Floor,
Advanced Research Laboratory (Building An),
Komaba II Campus, The University of Tokyo**



東京大学 駒場IIキャンパス 総合研究実験棟 (An棟) 2Fコンベンションホール

PROGRAM

- 13:00 Opening Remarks
Teruo Fujii, President, The University of Tokyo
- 13:05 Talk 1 Quantum Research Activities at the University of Tokyo: A Global Perspective
Koji Terashi, Professor, International Center for Elementary Particle Physics, The University of Tokyo / Director, IBM-UTokyo Lab
- 13:40 Talk 2 Photons: Powering quantum processors today, building the quantum internet of tomorrow
Bill Munro, Professor, Quantum Engineering and Design Unit, OIST
- 14:10 Break
- 14:30 Talk 3 Superconducting Qubits and Their Application to Dark Matter Searches
Karin Watanabe, Ph.D. Student(1st Year), Department of Physics, Faculty of Science & Graduate School of Science, The University of Tokyo
- 14:55 Talk 4 Probing quantum materials with nitrogen-vacancy spin qubits
Shu Zhang, Assistant Professor, Collective Dynamics and Quantum Transport Unit, OIST
- 15:25 Panel Discussion
[Quantum Frontiers to Real-World Impact]
Moderator Hiroaki Aihara, Executive Vice President, The University of Tokyo
Panelist 1 Koji Terashi, Professor, International Center for Elementary Particle Physics, The University of Tokyo
Panelist 2 Tennin Yan, CEO, QunaSys Inc.
Panelist 3 Bill Munro, Professor, Quantum Engineering and Design Unit, OIST
Panelist 4 Shu Zhang, Assistant Professor, Collective Dynamics and Quantum Transport Unit, OIST
- 15:55 Closing Remarks
Karin Markides, President and CEO, OIST

Quantum Nexus

This symposium is held under the framework of a strategic partnership between the University of Tokyo and the Okinawa Institute of Science and Technology Graduate University (OIST). It will feature pioneering research in quantum science conducted by both institutions and offer a forward-looking perspective on the future of the field. Through this event, we aim to foster intellectual exchange and explore pathways to strengthen collaboration within the global scientific community, including industry stakeholders. Join us in shaping the future of quantum science through dialogue, discovery, and partnership.

東京大学と沖縄科学技術大学院大学(OIST)間の協定に基づいたシンポジウムです。両大学が取り組む量子科学の先端研究を紹介し未来を展望します。知の交流を図り、産業界も含めた国際的なコミュニティの連携をどう深めていくかを議論します。