

Session Program

18-19 May 2026

ICEPP-QUP Quantum Workshop 2026

Session 2

Koshiba Hall, The University of Tokyo
7-3-1 Hongo, Bunkyo-ku Tokyo

Monday 18 May

14:00

Session 2

Session | **Location:** Koshiba Hall, The University of Tokyo, 7-3-1 Hongo, Bunkyo-ku Tokyo | **Convener:** Ryu Sawada

14:00-14:45

Exploring Many-Body Physics with Quantum Computers: Quantum Dynamics and Quantum-HPC Hybrid Computation

Speaker

Seiji Yunoki

14:45-15:10

A challenge for quantum few-body problems using machine learning with quantum annealing machine

Speaker

Shigeyoshi Aoyama

15:10-15:40

Break

15:40-16:25

Fault-tolerant quantum algorithms for many-body systems

Speaker

Nobuyuki Yoshioka

16:25