

**Session Program**

**18-19 May 2026**

**ICEPP-QUP Quantum Workshop 2026**

***Session 4***

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

# Tuesday 19 May

14:10

## Session 4

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

14:10-14:55

### **DarQ experiment - Dark matter searches using spontaneous/controlled superconducting qubit excitations**

**Speaker**

Shion Chen

14:55-15:40

### **A Multi-Front Approach to Advancing High-Energy Physics with Quantum Technologies**

**Speaker**

Yutaro Iiyama

15:40-16:10

### **Break**

16:10-16:55

### **Quantum Error Correction and Lattice gauge theory**

**Speaker**

Masazumi Honda

16:55-17:20

### **A Quantum Algorithm for Measuring Entanglement Asymmetry and Quantum Mpemba Effect**

**Speaker**

Harunobu Fujimura

17:20-17:30

### **Summary/Concluding Remarks**

**Speaker**

Masaya Ishino

17:30