



# KMI School 2024

## Tuesday 5 March 2024

**Seminar: Introduction to Quantum Computation and Its Application in Particle Physics (Kosuke Mitarai) (10:15 - 11:45)**

**Seminar: Quantum error correction and high energy physics (Tatuma Nishioka) (17:30 - 18:15)**

# Wednesday 6 March 2024

**Seminar: Quantum Machine Learning in High Energy Physics (Sofia Vallecorsa) (17:15 - 18:00)**

**Seminar: Analogue black hole solitons in a superconducting transmission line (Haruna Katayama) (18:00 - 18:45)**

# Thursday 7 March 2024

**Seminar: Quantum Technologies with Hybrid Systems (Yuimaru Kubo) (13:15 - 14:00)**

**Seminar: Overview of the Superconducting Quantum Materials and Systems (SQMS) Center, a US Department of Energy Quantum Research Center (Sam Posen) (14:00 - 14:45)**

**Seminar: Wavelike Dark Matter with SRF cavities and Superconducting Qubits at SQMS (Raphael Cervantes) (15:15 - 16:00)**