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## **Advancement of the J-PARC muon facility**

*Monday, 26 May 2025 17:00 (30 minutes)*

**Muon dipole moments (magnetic and electric): theory, experiments and future perspectives**

**Charged lepton flavor violation: theory, experiment and future perspectives**

**New Physics opportunities with low and high energy muon beams**

**Neutrino physics with muon beams: theory, experiments and future perspectives**

**Muons beams technologies: production, cooling and acceleration at different energy**

**Advancements in Muon-based Facilities and Broader Applications**

**Muons in other fields: muography, muon spin spectroscopy, muon-catalyzed fusion**

**Presenter:** KAWAMURA, Naritoshi

**Session Classification:** Muon facilities