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## The ELI beamlines for muon applications

*Tuesday, 27 May 2025 10:00 (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:** VERSACI, Roberto (ELI-Beamlines)

**Session Classification:** Muon facilities