

Muon4Future 2025



Monday, 26 May 2025 - Friday, 30 May 2025

Venezia, Istituto Veneto di Lettere, Scienze ed Arti - Palazzo Franchetti

Scientific Programme

The Scientific Program of Muon4Future Workshop will cover the following topics:

- 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

All presented talks will be published in the workshop proceedings.