

# Muon4Future



**Monday, 29 May 2023 - Wednesday, 31 May 2023**

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

## Scientific Programme

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

- Muon anomalous magnetic moment: theory and experiments
- Hadronic vacuum polarization: theory and experiments
- Charged lepton flavor violation: theory and experiments
- Muons beams technologies and cooling at different energies
- Muon Collider: physics possibilities and required technology developments
- Future Muon Facilities
- Muons in other fields

On Wednesday afternoon, there will be a Follow-Up discussion on theory, experiments and technologies synergies.

All presented talk will be published in the workshop proceedings. A summary of each session discussion and of Wednesday afternoon will be prepared and published.