

The Muon Collider

Tuesday, 3 March 2026 09:00 (30 minutes)

Muons offer a unique opportunity to build a compact high-energy electroweak collider at the 10 TeV scale. A high-energy muon collider is the natural next step in the exploration of fundamental physics after the HL-LHC and a natural complement to a future low-energy Higgs factory.

As an invited speaker I'd love to talk about any of these topics:

- muon collider overview
- the muon collider technological R&D programme
- experimentation at muon collider (with a focus on the MAIA detector concept)
- the physics potential (SM and/or BSM)

Presenter: MELONI, Federico