

Session Program

28 August 2024

Early Career Researchers & Muon Colliders
Wed 28th August 2024 - Via Zoom
14:00-18:00 (CEST) & 08:00-12:00 (EST)

Q&A
Discussions
Design Overview
Call for External Speakers

Open to:

- Undergraduates
- Masters
- PhDs
- Postdocs
- Students etc.

Interested in:

- Physics
- Engineering
- Computing
- Mathematics
- Communication etc.

International Muon Collider Collaboration
MuCoI
Funded by the European Union

Early Career Researchers & Muon Colliders

Call for Abstracts:

Wednesday 28 August

17:35

Call for Abstracts:: Presentations from External Early Career Researchers

Session | Location:

17:35-17:45

Design of pulsed synchrotrons for the high-energy acceleration chain of a muon collider

Speaker

Lisa Soubirou

17:45-17:55

Complementarity between muon colliders and precision experiments for discovering LFV within a SMEFT approach

Speaker

Katherine Fraser

17:55-18:05

Electroweak radiation picture of the future multi-TeV muon collider

Speaker

Dr Yang Ma

18:05-18:15

Cluster shape analysis and impact on data readout of beam-induced background for 10 TeV Muon Collider

Speaker

Angira Rastogi

18:15-18:25

Z' boson mass reach and discrimination at muon colliders

Speaker

Maximilian Loeschner

18:25-18:35

Towards the optimization of a Muon Collider Calorimeter

Speakers

Federico Nardi, Shahzaib Abbas

18:35-18:45

Lessons from the Fermilab Muon g-2 Experiment (E989)

Speaker

Alexander Herrod

18:50