



Contribution ID: 496

Type: **not specified**

Feebly-interacting particles at the muon collider

Wednesday, 25 August 2021 16:00 (30 minutes)

The search for new physics with very feeble interaction strength is stimulating a vibrant experimental program. This talk will present the opportunities that could be exploited at a future high-energy muon collider and highlight the experimental challenges arising from this specific collision environment. Finally, recent results studying the reach of such machine in models predicting long-lived charged winos and higgsinos will be presented.

Primary author: MELONI, Federico (Deutsches Elektronen-Synchrotron (DE))

Presenter: MELONI, Federico (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Lepton Colliders

Track Classification: Lepton Colliders