

Session Program

22-25 Jun 2026



IMCC and MuCol Annual Meeting 2026

Physics & Detector parallel

CERN, 500/1-001 - Main Auditorium

Tuesday 23 June

11:15

Physics & Detector parallel: Detector Concept and MDI

Session | **Location:** CERN, 6/R-012 - conference room | **Conveners:** Davide Zuliani, John Dervan

11:15-11:35 **MAIA**

Speakers

Gregory Penn, Gregory Penn

11:35-11:55 **MUSIC**

Speaker

Luca Castelli

11:55-12:15 **IR lattice design and remaining challenges**

Speaker

Marion Vanwelde

12:15-12:35 **MDI design and remaining challenges**

Speaker

Daniele Calzolari

12:35-13:00 **Open discussion**

13:00

14:00

Physics & Detector parallel: Reconstruction and Software

Session | **Location:** CERN, 6/R-012 - conference room | **Conveners:** Alexander Tuna, Matt LeBlanc

14:00-14:20 **CMS-style doublet tracking performance**

Speaker

Yanxi Gu

14:20-14:40 **ACTS Tracking Efforts**

Speakers

Sam Ferraro, Samuel Ferraro

14:40-15:00 **Generative AI for BIB Simulation**

Speaker

Radha Mastandrea

15:00-15:20 **Review of 2024 Software Task Force goals & priorities**

Speaker

Federico Meloni

15:45

Wednesday 24 June

09:00

Physics & Detector parallel: 1

Session | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium | **Conveners:** Andrea Wulzer, Cari Cesarotti

09:30–09:50

The W boson at future muon colliders and the CKM matrix elements

Speaker

Xing Wang

10:00–10:20

Precision Physics at the Muon Collider: The Determination of the W-Boson Mass

Speaker

Ludovica Aperio Bella

10:45

11:15

Physics & Detector parallel: 2

Session | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium | **Conveners:** Andrea Wulzer, Cari Cesarotti

11:15–11:35

Complementary Probes to Rare Higgs Decays at Multi-TeV Lepton Colliders

Speaker

Keshav Chaudhary

11:45–12:05

Electroweak Factorisation in MC Generators at the Highest Energies

Speaker

Krzysztof Mekala

12:15–12:35

Probing tau lepton dipole moments at multi-TeV muon colliders

Speaker

Zeqiang Wang

13:00

Thursday 25 June

09:00

Physics & Detector parallel: Detector Technologies R&D

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:** Prof. Melissa Franklin, Ivano Sarra

09:00–09:20

Smart Pixels for the Muon Collider

Speaker

Daniel Abadjiev

09:20–09:40

Crilin electromagnetic Calorimeter

Speaker

Vittoria Ludovica Ciccarella

09:40–10:00

MPGD-HCAL

Speaker

Rosamaria Venditti

10:00–10:20

TileCal hadron calorimeter for the Allegro experiment

Speaker

Mattia Soldani

10:45