

Session Program

22-25 Jun 2026



IMCC and MuCol Annual Meeting 2026

Poster Session & Welcome Drink

CERN, 500/1-001 - Main Auditorium

Monday 22 June

17:30

Poster Session & Welcome Drink

Session | Location: CERN, 500/1-201 - Mezzanine

17:30-17:50

EVALUATION OF LASER-ASSISTED CHARGE-EXCHANGE INJECTION FOR A MUON COLLIDER PROTON ACCUMULATOR

Speaker

Anatoliy Opanasenko

17:30-17:50

Concepts of Multi-Harmonic RF Systems in the Final Cooling Channel for Muon Colliders

Speaker

Bernd Michael Stechauner

17:30-17:50

Shock Wave Dynamics and Jet Fragmentation in a Liquid Lead Target Under High-Energy Pulsed Deposition: A Multiphase CFD Study

Speaker

Luca Tricarico

17:30-17:50

Atomistic Insights on Effects of High-Energy Recoils in Titanium for Proton Beam Window Applications

Speaker

Werner Lipsunen

17:30-17:50

FLUKA-Based Optimization of Pion Production for a Muon Collider Demonstrator

Speaker

Ruaa Al-Harthy

17:30-17:50

Conceptual RF Design of Dielectric-Loaded Cavities for Muon Cooling

Speaker

Dr Carmelo Barbagallo

17:30-17:50

Implementing Heavy Flavour Tagging for the Muon Collider based on the ATLAS SALT Framework

Speakers

Prof. Alessandro Cerri, Saurabh Saini

17:30-17:50

RF-Track for Integrated Simulation of Muon Collider Cooling Channels

Speaker

Andrea Latina

17:30-17:50

Intrabeam Scattering and Space-Charge effect on emittance growth in the first three cells of the Final Cooling Channel.**Speaker**

Paula Desire Valdor

17:30-17:50

Calibrating Electromagnetic and Hadronic Calorimeter Signals in the MAIA Detector Concept**Speaker**

Regan Leigh Doherty

17:30-17:50

MeV SEY Modelling in RF Cavities for Muon Cooling Channels**Speaker**

Robert Kyle

17:30-17:50

ExaTrkX pipeline for particle tracking at a 10 TeV Muon Collider**Speaker**

Xiangyang Ju

17:30-17:50

T-A Formulation-Based Assessment of Screening Current Effects, AC Losses and Field Quality in a 16 T ReBCO Block-Coil Dipole for the Muon Collider Ring**Speaker**

Gabriele Neri

17:30-17:50

Track Reconstruction at a 10 TeV Muon Collider**Speaker**

Mark Steven Larson

17:30-17:50

Rapidly pulsed synchrotron lattice designs for a Fermilab sited muon collider**Speaker**

Kyle Capobianco-Hogan

17:30-17:50

Towards a Final Cooling Solenoid: Experimental Validation of Non-Insulated REBCO Coils**Speaker**

Konstantin Weindel

17:30-17:50

Long-Lived Particle Searches at a Future 10 TeV Muon Collider**Speaker**

Kate Wandrisco

17:30-17:50

Minimally-Destructive Silicon Instrumentation for a Muon Cooling Demonstrator**Speaker**

Cecilia Hanna

17:30-17:50

Mechanical integrity study of the 40 Tesla Final Cooling Solenoid for the Muon Collider

Speaker
Audrey Ventura

17:30-17:50

Optimization Studies of a Tilted-Solenoid Muon Ionization Cooling Channel Using G4Beamline

Speaker
Cheng-Hsu Nee

17:30-17:50

Erosive Wear Rates in Dense Granular Targets

Speaker
Ben Suitters

17:30-17:50

Dielectric-loaded low-frequency RF cavities for muon final cooling

Speaker
Emmanuel Mortreuil

17:30-17:50

Development of Metal-Insulated Coils for the 6D Cooling Demonstrator

Speaker
Giuseppe Scarantino

19:30