

Session Program

12-15 Mar 2024



IMCC and MuCol Annual Meeting 2024

Day 3 - AM - Parallel session 1

CERN, 500/1-001 - Main Auditorium

Thursday 14 March

08:30

Day 3 - AM - Parallel session 1: Accelerators (joint with magnets, RF, BMI, cryogenics, vacuum)

Session | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium

08:30–08:45 **Software tools**

Speaker

David Amorim

08:45–09:05 **RCS optimization and parameters considering counterrotating beams**

Speaker

Fabian Batsch

09:05–09:20 **RF parameters in the high energy muon acceleration chain**

Speaker

Leonard Sebastian Thiele

09:20–09:35 **Eddy currents**

Speaker

Erik Kvikne

09:35–10:00 **Magnet and power converter optimization**

Speakers

Fulvio Boattini, Marco Gast

10:00

10:30

Day 3 - AM - Parallel session 1: Collider (joint with magnets and BMI, cryogenics, vacuum)

Session | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium

10:30–11:00 **Magnet Limitations for Muon Collider Rings**

Speaker

Daniel Novelli

11:00–11:20 **Overview of Neutrino Radiation Studies**

Speaker

Claudia Ahdida

11:20–11:40

Refined FLUKA studies on dose due to neutrinos reaching Earth's surface

Speaker

Dr Jerzy Mikolaj Manczak

11:40–12:00

Geoprofiler update and investigation of potential collider placement solution

Speaker

Charlotte Desponds

12:05