

Session Program

19 June 2024

MuCol project officer (EU - REA) visit to CERN

Presentations

CERN, 180/1-N51

Wednesday 19 June

09:00

Presentations: Project overview

Session | Location: CERN, 180/1-N51

09:00–09:15 **IMCC General Introduction**

Speaker

Daniel Schulte

09:15–09:25 **Financial management of EU projects at CERN (financial aspects)**

Speaker

Laura Gina Dalla Palma

09:25–09:40 **MuCol structure and status of advancement**

Speaker

Roberto Losito

09:40–09:50 **Physics landscape**

Speaker

Donatella Lucchesi

09:50

09:50

Presentations: Early career collaborators

Session | Location: CERN, 180/1-N51

09:50–09:55 **Machine-detector interface and beam induced background studies**

Speaker

Daniele Calzolari

09:55–10:00

Tau Lepton Identification and Higgs Boson Properties at a Muon Collider

Speaker

Lorenzo Valla

10:00–10:05 **Final Cooling and its impact on Machine Parameters**

Speaker

Rebecca Taylor

10:05–10:10 **Importance of hydrogen absorbers for high-density muon beams**

Speaker

Bernd Michael Stechauner

10:10–10:15

Development of simulation code for the initial acceleration stage of the Muon Collider

Speaker

Paula Desire Valdor

10:15–10:20 **Transverse beam stability studies in the high energy complex**

Speaker
David Amorim

10:20-10:25 **RCS Normal Conducting Magnets Vacuum Chamber**

Speaker
Erik Kvikne

10:25-10:30

HTS winding and junction technology development for the MC Cooling cell solenoids.

Speaker
Giovanni Giordano

10:30-10:35 **Cooling Demonstrator beam physics studies**

Speaker
Mr Paul Bogdan Jurj

10:35-10:45 **Discussion**

10:45