

RD_MUCOL - Italia - Riunione di collaborazione @ TORINO

Report of Contributions

Contribution ID: 1

Type: **not specified**

Wrap-up

Friday, 6 December 2024 11:00 (1 hour)

Contribution ID: 2

Type: **not specified**

Lab visit - group 1

Contribution ID: 3

Type: **not specified**

Brief introduction

Presenter: CAIFFI, BARBARA (Istituto Nazionale di Fisica Nucleare)

Session Classification: Attivita' Design Study facility - status RF, magneti - sinergia ESPP_A_MUCOL
- parte 1

Contribution ID: 4

Type: **not specified**

Preliminary design and challenges of high field magnets for the collider ring

Wednesday, 4 December 2024 14:50 (20 minutes)

Presenter: ALFONSO, Luca

Session Classification: Attivita' Design Study facility - status RF, magneti - sinergia ESPP_A_MUCOL - parte 1

Contribution ID: 5

Type: **not specified**

Performance limits of dipoles and quadrupoles for the collider ring

Wednesday, 4 December 2024 14:30 (20 minutes)

Presenter: NOVELLI, Daniel (Istituto Nazionale di Fisica Nucleare)

Session Classification: Attivita' Design Study facility - status RF, magneti - sinergia ESPP_A_MUCOL - parte 1

Contribution ID: 6

Type: **not specified**

Discussion

Wednesday, 4 December 2024 15:10 (20 minutes)

Presenter: CAIFFI, BARBARA (Istituto Nazionale di Fisica Nucleare)

Session Classification: Attivita' Design Study facility - status RF, magneti - sinergia ESPP_A_MUCOL
- parte 1

Contribution ID: 7

Type: **not specified**

Discussion & plans

Thursday, 5 December 2024 17:10 (10 minutes)

Session Classification: Cooling cell and demonstrator activities

Contribution ID: 12

Type: **not specified**

Cooling cell and demonstrator activities @ CERN towards ESPPU - remote and fixed

Thursday, 5 December 2024 15:50 (20 minutes)

Presenter: LOSITO, Roberto

Session Classification: Cooling cell and demonstrator activities

Contribution ID: 13

Type: **not specified**

Introduction to detector discussion and input to ESPPU

Wednesday, 4 December 2024 16:10 (10 minutes)

Presenter: SESTINI, Lorenzo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 14

Type: **not specified**

Detector performance studies

Wednesday, 4 December 2024 16:20 (20 minutes)

Presenter: CASARSA, Massimo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 15

Type: **not specified**

Magnet discussion

Wednesday, 4 December 2024 16:40 (15 minutes)

Presenter: BERSANI, Andrea (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 16

Type: **not specified**

Simulation software discussion

Wednesday, 4 December 2024 17:10 (15 minutes)

Presenter: GIANELLE, Alessio (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 17

Type: **not specified**

Machine Detector Interface developments

Wednesday, 4 December 2024 16:55 (15 minutes)

Presenter: CASTELLI, Luca (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: **18**

Type: **not specified**

Electron reconstruction and particle flow

Thursday, 5 December 2024 17:40 (10 minutes)

Presenter: PALOMBINI, Leonardo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: **19**

Type: **not specified**

ECAL R&D

Thursday, 5 December 2024 17:50 (10 minutes)

Primary authors: SARRA, Ivano (Istituto Nazionale di Fisica Nucleare); GARGIULO, Ruben (Istituto Nazionale di Fisica Nucleare)

Presenters: SARRA, Ivano (Istituto Nazionale di Fisica Nucleare); GARGIULO, Ruben (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: **20**

Type: **not specified**

HCAL R&D

Thursday, 5 December 2024 18:00 (10 minutes)

Presenter: LONGO, Luigi (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 22

Type: **not specified**

Tracking sensors R&D

Thursday, 5 December 2024 18:10 (10 minutes)

Presenter: BARTOSIK, Nazar

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 23

Type: **not specified**

Muon detector R&D

Thursday, 5 December 2024 18:20 (10 minutes)

Presenter: VAI, Ilaria (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 24

Type: **not specified**

Discussion

Wednesday, 4 December 2024 17:25 (20 minutes)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 25

Type: **not specified**

Thermomechanical aspects of the first INFN RF prototype for a 3 cells structure. Windows simulation and experimental activities.

Thursday, 5 December 2024 14:00 (1h 50m)

Presenters: GIOVE, Dario Augusto (Istituto Nazionale di Fisica Nucleare); MEREU, Paolo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Cooling cell and demonstrator activities

Contribution ID: 26

Type: **not specified**

Cooling cell integration activities: status and plans

Presenter: Prof. ROSSI, Lucio (University of Milano & Istituto Nazionale di Fisica Nucleare)

Session Classification: Cooling cell and demonstrator activities

Contribution ID: 27

Type: **not specified**

Lab visit - all

Thursday, 5 December 2024 11:15 (1h 15m)

Contribution ID: 28

Type: **not specified**

Crystal for Muon Collider beams

Wednesday, 4 December 2024 15:50 (15 minutes)

Presenter: ROMAGNONI, Marco (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 29

Type: **not specified**

How to use a demonstrator beam

Presenter: CATANESI, Maria Gabriella (Istituto Nazionale di Fisica Nucleare)

Session Classification: Cooling cell and demonstrator activities

Contribution ID: **30**

Type: **not specified**

Cooling cell integration activities: status and plans

Thursday, 5 December 2024 16:10 (20 minutes)

Presenter: Prof. ROSSI, Lucio (University of Milano & Istituto Nazionale di Fisica Nucleare)

Session Classification: Cooling cell and demonstrator activities

Contribution ID: **31**

Type: **not specified**

How to use a demonstrator beam

Thursday, 5 December 2024 16:30 (20 minutes)

Presenter: CATANESI, Maria Gabriella (Istituto Nazionale di Fisica Nucleare)

Session Classification: Cooling cell and demonstrator activities

Contribution ID: 32

Type: **not specified**

R&D TPC for demonstrator

Thursday, 5 December 2024 17:30 (10 minutes)

Presenters: RADICIONI, Emilio (Istituto Nazionale di Fisica Nucleare); CATANESI, Maria Gabriella (Istituto Nazionale di Fisica Nucleare)

Session Classification: Physics simulation & required detector R&D performances

Contribution ID: 33

Type: **not specified**

Muon Collider @ Italy and next steps

Wednesday, 4 December 2024 14:00 (30 minutes)

Presenter: PASTRONE, Nadia (Istituto Nazionale di Fisica Nucleare)

Session Classification: Introduction and plan of the meeting

Contribution ID: 34

Type: **not specified**

Cena sociale - L'angolo di Parin - Via Bernardino Galliani, 29, Torino

Thursday, 5 December 2024 20:00 (2 hours)