

3rd Muon Community Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Wednesday 6 October 2021 14:00 (30 minutes)

Presenter: SCHULTE, Daniel (CERN)

Session Classification: Accelerators

Contribution ID: 2

Type: **not specified**

RF Working Group Summary

Wednesday 6 October 2021 14:30 (15 minutes)

Session Classification: Accelerators

Contribution ID: 3

Type: **not specified**

Magnets Working Group Summary

Wednesday 6 October 2021 14:45 (15 minutes)

Session Classification: Accelerators

Contribution ID: 4

Type: **not specified**

Beam Dynamics Working Group Summary

Wednesday 6 October 2021 15:00 (15 minutes)

Session Classification: Accelerators

Contribution ID: 5

Type: **not specified**

Radiation Protection Working Group Summary

Wednesday 6 October 2021 15:15 (15 minutes)

Session Classification: Accelerators

Contribution ID: 6

Type: **not specified**

Synergy Summary

Wednesday 6 October 2021 16:45 (15 minutes)

Session Classification: Accelerators

Contribution ID: 7

Type: **not specified**

Discussion

Wednesday 6 October 2021 15:45 (15 minutes)

Session Classification: Accelerators

Contribution ID: 8

Type: **not specified**

Proton Complex Working Group Summary

Wednesday 6 October 2021 16:30 (15 minutes)

Session Classification: Accelerators

Contribution ID: 9

Type: **not specified**

Muon Production and Cooling Working Group Summary

Wednesday 6 October 2021 15:30 (15 minutes)

Session Classification: Accelerators

Contribution ID: **10**

Type: **not specified**

Test facility working group summary

Wednesday 6 October 2021 17:00 (15 minutes)

Session Classification: Accelerators

Contribution ID: 11

Type: **not specified**

High energy complex working group summary

Wednesday 6 October 2021 17:15 (15 minutes)

Session Classification: Accelerators

Contribution ID: 12

Type: **not specified**

Machine detector interface working group summary

Wednesday 6 October 2021 17:30 (15 minutes)

Session Classification: Accelerators

Contribution ID: 13

Type: **not specified**

Discussion

Wednesday 6 October 2021 17:45 (15 minutes)

Session Classification: Accelerators

Contribution ID: 14

Type: **not specified**

Parameters, Power and Cost Working Group Summary

Session Classification: Parameters Discussion

Contribution ID: 15

Type: **not specified**

Prioritisation Discussion

Friday 8 October 2021 14:00 (2 hours)

Presenter: SCHULTE, Daniel (CERN)

Session Classification: Parameters Discussion

Contribution ID: 16

Type: **not specified**

Memorandum of cooperation

Friday 8 October 2021 16:30 (20 minutes)

Presenter: SCHULTE, Daniel (CERN)

Session Classification: Collaboration

Contribution ID: 17

Type: **not specified**

Building Collaboration Structure

Friday 8 October 2021 16:50 (20 minutes)

Session Classification: Collaboration

Contribution ID: **18**

Type: **not specified**

TIARA Proposal Status

Friday 8 October 2021 17:10 (20 minutes)

Presenter: ROGERS, Chris (STFC)

Session Classification: Collaboration

Contribution ID: **19**

Type: **not specified**

Discussion

Friday 8 October 2021 17:30 (30 minutes)

Session Classification: Collaboration

Contribution ID: **20**

Type: **not specified**

Introduction

Thursday 7 October 2021 14:00 (10 minutes)

Presenter: LUCCHESI, Donatella (Universita e INFN, Padova (IT))

Session Classification: Physics Potential and Detectors

Contribution ID: 21

Type: **not specified**

WG goals

Thursday 7 October 2021 17:15 (15 minutes)

Presenters: WULZER, Andrea (CERN and EPFL); RICCARDI, Cristina (Pavia University and INFN (IT)); LUCCHESI, Donatella (Universita e INFN, Padova (IT)); MALTONI, Fabio (Universite Catholique de Louvain (UCL) (BE) and Università di Bologna); MELONI, Federico (Deutsches Elektronen-Synchrotron (DE)); SESTINI, Lorenzo (Universita e INFN, Padova (IT)); CASARSA, Massimo (INFN, Trieste (IT)); PASTRONE, Nadia (Universita e INFN Torino (IT)); JINDARIANI, Sergo (Fermi National Accelerator Lab. (US)); PAGAN GRISO, Simone (Lawrence Berkeley National Lab. (US))

Session Classification: Physics Potential and Detectors

Contribution ID: 22

Type: **not specified**

Physics case of a 3 TeV muon collider

Thursday 7 October 2021 16:10 (15 minutes)

Presenter: FRANCESCHINI, Roberto (Università Roma Tre)

Session Classification: Physics Potential and Detectors

Contribution ID: 23

Type: **not specified**

Preliminary results with full simulation at 3 TeV

Thursday 7 October 2021 16:25 (15 minutes)

Presenter: SESTINI, Lorenzo (Universita e INFN, Padova (IT))

Session Classification: Physics Potential and Detectors

Contribution ID: 24

Type: **not specified**

Beyond 3 TeV - vision and potential

Thursday 7 October 2021 16:50 (15 minutes)

Presenter: CRAIG, Nathaniel (UC Santa Barbara)

Session Classification: Physics Potential and Detectors

Contribution ID: 25

Type: **not specified**

WG2: goals

Session Classification: Physics Potential and Detectors

Contribution ID: 26

Type: **not specified**

Detector and reconstruction performance

Thursday 7 October 2021 15:10 (25 minutes)

Presenter: KRIZKA, Karol (Lawrence Berkeley National Lab. (US))

Session Classification: Physics Potential and Detectors

Contribution ID: 27

Type: **not specified**

MDI

Thursday 7 October 2021 14:55 (15 minutes)

Presenter: SALA, Paola (INFN Milano (IT))

Session Classification: Physics Potential and Detectors

Contribution ID: 28

Type: **not specified**

Detector and Reconstruction performance: other systems

Session Classification: Physics Potential and Detectors

Contribution ID: 29

Type: **not specified**

WG3: goals

Session Classification: Physics Potential and Detectors

Contribution ID: **30**

Type: **not specified**

Detector R&D

Thursday 7 October 2021 14:15 (15 minutes)

Presenter: VAI, Ilaria (Pavia University and INFN (IT))

Session Classification: Physics Potential and Detectors

Contribution ID: **31**

Type: **not specified**

Software and computing

Thursday 7 October 2021 14:30 (15 minutes)

Presenter: BARTOSIK, Nazar (Universita e INFN Torino (IT))

Session Classification: Physics Potential and Detectors

Contribution ID: 32

Type: **not specified**

Conclusions

Thursday 7 October 2021 17:55 (5 minutes)

Session Classification: Physics Potential and Detectors