

Muons in Minneapolis Workshop (UMN)



Report of Contributions

Contribution ID: 2

Type: **not specified**

“Light muonic atoms and precision theory tests”

Wednesday, 6 December 2023 09:30 (30 minutes)

Presenter: ANTOGNINI, Aldo (Paul Scherrer Institute)

Session Classification: Morning session

Contribution ID: 3

Type: **not specified**

“muTRISTAN”

Wednesday, 6 December 2023 10:00 (30 minutes)

Presenter: KITANO, Ryuichiro (KEK)

Session Classification: Morning session

Contribution ID: 4

Type: **not specified**

Coffee break

Wednesday, 6 December 2023 10:30 (30 minutes)

Session Classification: Morning session

Contribution ID: 5

Type: **not specified**

“Production of High-Brightness Muon Beams”

Wednesday, 6 December 2023 11:00 (30 minutes)

Presenter: ROGERS, Chris (Rutherford Appleton Laboratory)

Session Classification: Morning session

Contribution ID: 6

Type: **not specified**

Physics potential of muon collider

Wednesday, 6 December 2023 11:30 (30 minutes)

Presenter: WANG, Liantao (University of Chicago)

Session Classification: Morning session

Contribution ID: 7

Type: **not specified**

“Muon g-2 and other Muon Topics TBD”

Wednesday, 6 December 2023 14:00 (30 minutes)

Presenter: POLLY, Chris (Fermilab)

Session Classification: Afternoon session

Contribution ID: 8

Type: **not specified**

“Muon acceleration and muon g-2 and EDM at J-PARC”

Wednesday, 6 December 2023 14:30 (30 minutes)

Presenter: MIBE, Tsutomu (KEK)

Session Classification: Afternoon session

Contribution ID: 9

Type: **not specified**

Coffee break

Wednesday, 6 December 2023 15:00 (30 minutes)

Session Classification: Afternoon session

Contribution ID: 10

Type: **not specified**

“Hadronic contributions to the muon $g-2$ from lattice QCD”

Wednesday, 6 December 2023 15:30 (30 minutes)

Presenter: BLUM, Thomas (University of Connecticut)

Session Classification: Afternoon session

Contribution ID: 11

Type: **not specified**

“Muons”

Wednesday, 6 December 2023 16:00 (30 minutes)

Presenter: KAWALL, David (University of Massachusetts Amherst)

Session Classification: Afternoon session

Contribution ID: 12

Type: **not specified**

“Muon spin force”

Wednesday, 6 December 2023 16:30 (30 minutes)

Presenter: GAO, Ting (University of Minnesota)

Session Classification: Afternoon session

Contribution ID: 13

Type: **not specified**

Coffee break

Thursday, 7 December 2023 09:00 (30 minutes)

Session Classification: Morning session

Contribution ID: 14

Type: **not specified**

“Chared Lepton Flavor Violation in Muons: Status and Prospects”

Thursday, 7 December 2023 09:30 (30 minutes)

Presenter: BERNSTEIN, Robert (Fermilab)

Session Classification: Morning session

Contribution ID: 15

Type: **not specified**

“Search for Muon to Electron Conversion: the COMET experiment”

Thursday, 7 December 2023 10:00 (30 minutes)

Presenter: KUNO, Yoshitaka (Osaka University)

Session Classification: Morning session

Contribution ID: **16**

Type: **not specified**

Coffee break

Thursday, 7 December 2023 10:30 (30 minutes)

Session Classification: Morning session

Contribution ID: 17

Type: **not specified**

“Overview of the Mu2e Experiment”

Thursday, 7 December 2023 11:00 (30 minutes)

Presenter: HELLER, Ken (minnesota)

Session Classification: Morning session

Contribution ID: **18**

Type: **not specified**

“Future program of muon CLFV”

Thursday, 7 December 2023 11:30 (30 minutes)

Presenter: ECHENARD, Bertrand (Caltech)

Session Classification: Morning session

Contribution ID: 19

Type: **not specified**

“On the Quest for BSM with the Mu3e Experiment”

Thursday, 7 December 2023 14:00 (30 minutes)

Presenter: PERREVOORT, Ann-Kathrin (KIT - Institute of Experimental Particle Physics)

Session Classification: Afternoon session

Contribution ID: 20

Type: **not specified**

“Production of exotic particles at high-intensity muon facilities”

Thursday, 7 December 2023 14:30 (30 minutes)

Presenter: HOSTERT, Matheus (Harvard University)

Session Classification: Afternoon session

Contribution ID: **21**

Type: **not specified**

Coffee break

Thursday, 7 December 2023 15:00 (30 minutes)

Session Classification: Afternoon session

Contribution ID: 22

Type: **not specified**

Current and future prospects at PSI: From MEGII to muEDM and future beamline developments

Thursday, 7 December 2023 15:30 (30 minutes)

Presenter: PAPA, Angela (Paul Scherrer Institut)

Session Classification: Afternoon session

Contribution ID: 23

Type: **not specified**

“Searches for light new physics with MEG II and $\mu 3e$ ”

Thursday, 7 December 2023 16:00 (30 minutes)

Presenter: KNAPEN, Simon (Lawrence Berkeley National Lab and UC Berkeley)

Session Classification: Afternoon session

Contribution ID: 24

Type: **not specified**

“MuonBridge - effective theory predictions for $\mu \rightarrow e$ conversion”

Thursday, 7 December 2023 16:30 (30 minutes)

Presenter: ZUPAN, Jure (U. Cincinnati)

Session Classification: Afternoon session

Contribution ID: 25

Type: **not specified**

Workshop Dinner

University Hall McNamara Alumni Center
200 SE Oak St, Minneapolis, MN 55455

Session Classification: Afternoon session

Contribution ID: 26

Type: **not specified**

Coffee break

Friday, 8 December 2023 09:00 (30 minutes)

Session Classification: Morning session

Contribution ID: 27

Type: **not specified**

“Testing Lepton Universality in Pion Decay”

Friday, 8 December 2023 09:30 (30 minutes)

Presenter: BRYMAN, Douglas (University of British Columbia)

Session Classification: Morning session

Contribution ID: 28

Type: **not specified**

“Precise measurements using muonium: from spectroscopy to interferometry”

Friday, 8 December 2023 10:00 (30 minutes)

Presenter: KANDA, Sohtaro (KEK)

Session Classification: Morning session

Contribution ID: 29

Type: **not specified**

Coffee break

Friday, 8 December 2023 10:30 (30 minutes)

Session Classification: Morning session

Contribution ID: **30**

Type: **not specified**

TBA

Friday, 8 December 2023 11:00 (30 minutes)

Presenter: KOHL, Michael (Hampton University)

Session Classification: Morning session

Contribution ID: 31

Type: **not specified**

“Sensitivity potential to a light flavor-changing scalar boson with DUNE and NA64-mu”

Friday, 8 December 2023 11:30 (30 minutes)

Presenter: RADICS, Balint (York University)

Session Classification: Morning session

Contribution ID: 32

Type: **not specified**

Latest Results from MuMASS and NA64mu Experiments

Friday, 8 December 2023 14:00 (30 minutes)

Presenter: CRIVELLI, Paolo (ETH Zurich)

Session Classification: Afternoon session

Contribution ID: 33

Type: **not specified**

TBA

Friday, 8 December 2023 14:30 (30 minutes)

Presenter: MCKEEN, David (TRIUMF)

Session Classification: Afternoon session

Contribution ID: **34**

Type: **not specified**

Coffee break

Friday, 8 December 2023 15:00 (30 minutes)

Session Classification: Afternoon session

Contribution ID: 35

Type: **not specified**

“DIMUS–Super-Compact Dimuonium Spectroscopy Collider at Fermilab”

Friday, 8 December 2023 15:30 (30 minutes)

Presenter: FOX, Patrick (Fermilab)

Session Classification: Afternoon session