

Discussion of the scientific potential of muon beams

Report of Contributions

Contribution ID: 0

Type: **not specified**

Arrival

Wednesday, 18 November 2015 09:30 (30 minutes)

Presenters: HAMOUDI, Bettina (CERN); LONG, Kenneth Richard (Imperial College Sci., Tech. & Med. (GB))

Session Classification: Arrival, welcome and introduction

Contribution ID: 1

Type: **not specified**

Welcome and introduction

Wednesday, 18 November 2015 10:00 (10 minutes)

Presenter: BERTOLUCCI, Sergio (CERN)

Session Classification: Arrival, welcome and introduction

Contribution ID: 2

Type: **not specified**

Experiment

Wednesday, 18 November 2015 10:10 (25 minutes)

Presenter: KNECHT, Andreas (Paul Scherrer Institut)

Session Classification: Low-energy, high-brightness muon beams

Contribution ID: 3

Type: **not specified**

Japan/Future

Wednesday, 18 November 2015 10:35 (25 minutes)

Presenter: KUNO, Yoshitaka (Osaka University)

Session Classification: Low-energy, high-brightness muon beams

Contribution ID: 4

Type: **not specified**

Discussion

Wednesday, 18 November 2015 11:00 (15 minutes)

Session Classification: Low-energy, high-brightness muon beams

Contribution ID: 5

Type: **not specified**

Experiment

Wednesday, 18 November 2015 11:30 (30 minutes)

Presenter: SOLER JERMYN, Paul (University of Glasgow (GB))

Session Classification: Neutrinos from muon beams

Contribution ID: 6

Type: **not specified**

Theory

Wednesday, 18 November 2015 12:00 (30 minutes)

Presenter: HUBER, Patrick (Virginia Tech)

Session Classification: Neutrinos from muon beams

Contribution ID: 7

Type: **not specified**

Discussion

Wednesday, 18 November 2015 12:40 (20 minutes)

Session Classification: Neutrinos from muon beams

Contribution ID: 8

Type: **not specified**

Experiment

Wednesday, 18 November 2015 14:00 (25 minutes)

Presenter: BLONDEL, Alain (Universite de Geneve (CH))

Session Classification: Energy frontier

Contribution ID: 9

Type: **not specified**

Theory

Wednesday, 18 November 2015 14:25 (25 minutes)

Presenter: GIUDICE, Gian (CERN)

Session Classification: Energy frontier

Contribution ID: **10**

Type: **not specified**

Unique properties of muon beams

Wednesday, 18 November 2015 14:50 (20 minutes)

Presenter: DELAHAYE, Jean-Pierre

Session Classification: Energy frontier

Contribution ID: 11

Type: **not specified**

Discussion

Wednesday, 18 November 2015 15:10 (10 minutes)

Session Classification: Energy frontier

Contribution ID: 12

Type: **not specified**

Accelerator Science Challenges

Wednesday, 18 November 2015 15:35 (30 minutes)

Presenter: PALMER, Mark (FNAL)

Session Classification: Accelerator challenges

Contribution ID: **13**

Type: **not specified**

Discussion

Contribution ID: 14

Type: **not specified**

Conclusions

Presenter: LONG, Kenneth Richard (Imperial College Sci., Tech. & Med. (GB))

Contribution ID: 15

Type: **not specified**

Low emittance muon beam using positron on target

Wednesday, 18 November 2015 16:05 (10 minutes)

Presenter: RAIMONDI, Pantaleo

Session Classification: Accelerator challenges

Contribution ID: 16

Type: **not specified**

the ESS linac as proton driver for a high intensity muon beam for muSTORM, NF and Muon Collider

Wednesday, 18 November 2015 16:15 (10 minutes)

Presenter: DRACOS, Marcos (Institut Pluridisciplinaire Hubert Curien (FR))

Session Classification: Accelerator challenges

Contribution ID: 17

Type: **not specified**

A short presentation about muon study in China

Wednesday, 18 November 2015 16:25 (10 minutes)

Presenter: TANG, Jingyu (Institute of High Energy Physics, CAS)

Session Classification: Accelerator challenges

Contribution ID: **18**

Type: **not specified**

A neo-conventional neutrino beam

Wednesday, 18 November 2015 12:30 (10 minutes)

Presenter: BROSS, Alan (Fermilab)

Session Classification: Neutrinos from muon beams

Contribution ID: **19**

Type: **not specified**

Discussion

Wednesday, 18 November 2015 16:45 (15 minutes)

Session Classification: Accelerator challenges

Contribution ID: 20

Type: **not specified**

Conclusions

Wednesday, 18 November 2015 17:05 (10 minutes)

Presenter: LONG, Kenneth Richard (Imperial College Sci., Tech. & Med. (GB))

Session Classification: Closing discussion and conclusions

Contribution ID: 21

Type: **not specified**

Muons from photons

Wednesday, 18 November 2015 16:35 (10 minutes)

Presenter: KRASNY, Mieczyslaw (Centre National de la Recherche Scientifique (FR))

Session Classification: Accelerator challenges