

**IPPP topical meeting on
physics with high-brightness
stored muon beams**

Report of Contributions

Contribution ID: 1

Type: **not specified**

The Physics Potential of High-Energy Muon Colliders

Thursday 11 February 2021 15:00 (30 minutes)

zoom link:

<https://durhamuniversity.zoom.us/j/97531999873?pwd=OERRMWsvWEZPa1hUQTVZWE1oeUk5QT09>

Presenter: WULZER, Andrea

Contribution ID: 2

Type: **not specified**

Bread and Butter Physics at Muon Colliders

Thursday 11 February 2021 15:30 (30 minutes)

zoom link:

<https://durhamuniversity.zoom.us/j/97531999873?pwd=OERRMWsvWEZPa1hUQTVZWE1oeUk5QT09>

Presenter: HAN, Tao

Contribution ID: 3

Type: **not specified**

Experimental aspects of muon colliders

Thursday 11 February 2021 16:00 (30 minutes)

zoom link:

<https://durhamuniversity.zoom.us/j/97531999873?pwd=OERRMWsvWEZPa1hUQTVZWE1oeUk5QT09>

Presenter: LUCCHESI, Donatella

Contribution ID: 5

Type: **not specified**

Neutrino cross sections for oscillation experiments

Wednesday 10 February 2021 13:00 (30 minutes)

Presenter: Dr DOLAN, Stephen

Session Classification: Neutrino Physics

Contribution ID: 6

Type: **not specified**

Improving the precision in modelling pion reactions in the NuWro event generator

Wednesday 10 February 2021 13:30 (30 minutes)

Presenter: Dr NIEWCZAS, Kajetan

Session Classification: Neutrino Physics

Contribution ID: 7

Type: **not specified**

e4nu effort, using electron measurements to improve the precision of the GENIE event generator

Wednesday 10 February 2021 14:30 (30 minutes)

Presenter: Dr ASHKENAZI, Adi

Session Classification: Neutrino Physics

Contribution ID: 8

Type: **not specified**

Exclusive-final-state hadron observables from neutrino-nucleus multinucleon knockout

Wednesday 10 February 2021 14:00 (30 minutes)

Presenter: Dr SOBCZYK, Joanna

Session Classification: Neutrino Physics

Contribution ID: 9

Type: **not specified**

Ab-initio nuclear calculations for neutrino-nucleus cross sections

Wednesday 10 February 2021 15:30 (30 minutes)

Presenter: Dr LOVATO, Alessandro

Session Classification: Neutrino Physics

Contribution ID: **10**

Type: **not specified**

Neutrino measurements on Argon: MicroBooNE and ArgoNeut

Wednesday 10 February 2021 16:00 (30 minutes)

Presenter: Dr DUFFY, Kirsty

Session Classification: Neutrino Physics

Contribution ID: 11

Type: **not specified**

Assessing the accuracy of the GENIE event generator with electron-scattering data

Wednesday 10 February 2021 16:30 (30 minutes)

Presenter: Dr ANKOWSKI, Artur

Session Classification: Neutrino Physics

Contribution ID: 12

Type: **not specified**

Neutrino measurements in NoVA

Wednesday 10 February 2021 17:00 (30 minutes)

Presenter: Dr CREMONESI, Linda

Session Classification: Neutrino Physics

Contribution ID: 13

Type: **not specified**

Targetry for High Power Muon Facilities

Thursday 11 February 2021 14:00 (30 minutes)

Presenter: Dr EFTHYMIOPOULOS, Ilias (CERN)

Session Classification: Accelerator Physics

Contribution ID: 14

Type: **not specified**

nuSTORM, Muon Cooling and its Demonstration

Thursday 11 February 2021 13:00 (30 minutes)

Presenter: ROGERS, Chris (RAL)

Session Classification: Accelerator Physics

Contribution ID: 15

Type: **not specified**

Fixed Field Accelerators for Muon Physics and More

Thursday 11 February 2021 13:30 (30 minutes)

Presenter: Dr PASTERNAK, Jaroslaw (Imperial College, London)

Session Classification: Accelerator Physics

Contribution ID: **16**

Type: **not specified**

Discussion

Session Classification: Accelerator Physics