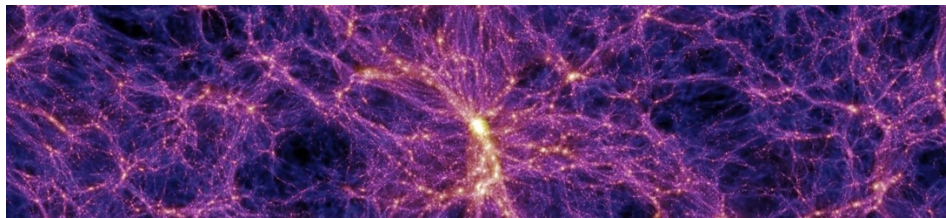


Dark Matter Physics Searches with Colliders, Neutrinos, and Muons: A Joint ATLAS-MicroBooNE Workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, 27 March 2023 09:45 (15 minutes)

Presenters: ASHKENAZI, Adi (Massachusetts Institute of Technology); GRAMELLINI, Elena (Fermilab); Dr BARROW, Joshua (MIT, TAU, FNAL visitor); BARAK, Liron

Contribution ID: 2

Type: **not specified**

Phenomenology of Dark Matter Scattering

Monday, 27 March 2023 13:30 (30 minutes)

Presenter: KRNJAIC, Gordan (Fermilab)

Session Classification: LArTPC/MicroBooNE Parallel Sessions

Contribution ID: 3

Type: **not specified**

Dark Matter Searches in MicroBooNE

Monday, 27 March 2023 14:00 (30 minutes)

Presenter: GRAMELLINI, Elena (Fermilab)

Session Classification: LArTPC/MicroBooNE Parallel Sessions

Contribution ID: 4

Type: **not specified**

Muons for Neutrinos in MicroBooNE: QE and DM Triggering with Low-Level DAQ Objects

Monday, 27 March 2023 14:30 (30 minutes)

Co-author: ASHKENAZI, Adi (Massachusetts Institute of Technology)

Presenter: Dr BARROW, Joshua (MIT, TAU, FNAL visitor)

Session Classification: LArTPC/MicroBooNE Parallel Sessions

Contribution ID: 5

Type: **not specified**

Multiple Coulomb Scattering Developments

Monday, 27 March 2023 16:00 (30 minutes)

Co-authors: ASHKENAZI, Adi (Massachusetts Institute of Technology); Dr BARROW, Joshua (MIT, TAU, FNAL visitor)

Presenter: GRUBER, Amir (Tel Aviv University)

Session Classification: LArTPC/MicroBooNE Parallel Sessions

Contribution ID: 6

Type: **not specified**

Pandora for Cosmic Muons

Monday, 27 March 2023 16:30 (30 minutes)

Co-author: MARSHALL, John

Presenters: MARSHALL, John; CROSS, Ryan

Session Classification: LArTPC/MicroBooNE Parallel Sessions

Contribution ID: 7

Type: **not specified**

$\mu 4\nu$ and DAQ Triggering Possibilities in ProtoDUNE

Monday, 27 March 2023 15:30 (30 minutes)

Presenter: KETCHUM, Wesley (Fermi National Accelerator Laboratory)

Session Classification: LArTPC/MicroBooNE Parallel Sessions

Contribution ID: 8

Type: **not specified**

DM @ neutrino/collider discussion

Tuesday, 28 March 2023 11:00 (1 hour)

Contribution ID: 9

Type: **not specified**

Future funding opportunities - brainstorming

Thursday, 30 March 2023 11:00 (1 hour)

Contribution ID: **10**

Type: **not specified**

MicroBooNE Capabilities

Monday, 27 March 2023 11:00 (1 hour)

Presenter: GRAMELLINI, Elena (Fermilab)

Session Classification: LArTPC/MicroBooNE Overview of DM Searches

Contribution ID: **11**

Type: **not specified**

Dark Matter at ATLAS

Monday, 27 March 2023 10:00 (1 hour)

Sukanya's slides: sukanya.sinha@cern.ch

Presenters: DOGLIONI, Caterina (Lund University); SINHA, Sukanya (University of Manchester)

Session Classification: ATLAS Overview of DM Searches

Contribution ID: 12

Type: **not specified**

Neutrino - trigger and analyses scope

Tuesday, 28 March 2023 10:00 (55 minutes)

Contribution ID: 13

Type: **not specified**

Larry's Geustimation recommended seminar

Tuesday, 28 March 2023 14:00 (1 hour)

Contribution ID: 14

Type: **not specified**

Neutrino - MCS

Tuesday, 28 March 2023 15:30 (1 hour)

Presenter: Mr GRUBER, Amir (Tel Aviv University)