

ArgonCube Collaboration Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome & ND status in the DUNE program

Tuesday 12 June 2018 09:30 (10 minutes)

Presenter: EREDITATO, Antonio (Universitaet Bern (CH))

Contribution ID: 2

Type: **not specified**

Discussion Session

Wednesday 13 June 2018 16:35 (20 minutes)

Contribution ID: 3

Type: **not specified**

Current Prototypes

Tuesday 12 June 2018 10:00 (30 minutes)

Presenter: BERNER, Roman (University of Bern)

Contribution ID: 5

Type: **not specified**

2x2 & Engineering / Infrastructure Status

Tuesday 12 June 2018 11:00 (30 minutes)

Presenter: PIASTRA, Francesco

Contribution ID: 6

Type: **not specified**

2x2 at Fermilab

Tuesday 12 June 2018 13:30 (30 minutes)

Presenter: WILKINSON, Callum David (Universitaet Bern (CH))

Contribution ID: **8**

Type: **not specified**

ArCLight Status

Wednesday 13 June 2018 09:30 (15 minutes)

Presenter: KRESLO, Igor (Universitaet Bern (CH))

Contribution ID: 9

Type: **not specified**

US Overview and Outlook (inc. LArIAT)

Wednesday 13 June 2018 11:00 (30 minutes)

Presenter: ASAADI, Jonathan (Syracuse University)

Contribution ID: **10**

Type: **not specified**

Cryogenic options

Wednesday 13 June 2018 14:00 (20 minutes)

Presenters: SCHWARTZ, Fritz; CIPRIANO, Kathrine

Contribution ID: **11**

Type: **not specified**

HPGTPC Simulation Status

Wednesday 13 June 2018 16:00 (15 minutes)

Presenter: JUNK, Tom (Fermi National Accelerator Lab. (US))

Contribution ID: 12

Type: **not specified**

ArgonCube to DUNE ND: Landscape

Tuesday 12 June 2018 09:40 (20 minutes)

Presenter: SINCLAIR, James Robert (Universitaet Bern (CH))

Contribution ID: 13

Type: **not specified**

HPGTPC RD and GAR-LAr Synergies

Tuesday 12 June 2018 14:00 (30 minutes)

Presenter: RAAF, Jennifer (Fermi National Accelerator Laboratory)

Contribution ID: **14**

Type: **not specified**

PixLAr Results and Reconstruction

Tuesday 12 June 2018 14:30 (30 minutes)

Presenter: SULLIVAN, Hunter

Contribution ID: 15

Type: **not specified**

LArPix Results and Outlook

Tuesday 12 June 2018 15:00 (30 minutes)

Presenter: DWYER, Dan (Lawrence Berkeley National Lab)

Contribution ID: **16**

Type: **not specified**

LArPix: Analysis of Bern TPC tests

Tuesday 12 June 2018 16:00 (20 minutes)

Presenter: MADIGAN, Peter

Contribution ID: 17

Type: **not specified**

LArPix: DAQ Software/Requirements

Tuesday 12 June 2018 16:20 (20 minutes)

Presenter: SAM, Kohn

Contribution ID: **18**

Type: **not specified**

Expected ArgonCube Performance in the DUNE ND

Tuesday 12 June 2018 17:00 (30 minutes)

Presenter: MARSHALL, Chris (University of Rochester)

Contribution ID: **19**

Type: **not specified**

Discussion Session

Tuesday 12 June 2018 17:30 (20 minutes)

Contribution ID: **20**

Type: **not specified**

Last Results from LCM tests

Wednesday 13 June 2018 09:15 (15 minutes)

Presenter: SELYUNIN, Alexandr (Joint Institute for Nuclear Research (RU))

Contribution ID: 21

Type: **not specified**

Light RO for NC (Mainly Neutron) Tagging / Reconstruction In DUNE

Wednesday 13 June 2018 09:45 (30 minutes)

Presenter: KOLLER, Patrick

Contribution ID: 23

Type: **not specified**

Organizational Chart for 2x2

Wednesday 13 June 2018 10:15 (15 minutes)

Presenter: EREDITATO, Antonio (Universitaet Bern (CH))

Contribution ID: 24

Type: **not specified**

Sheffield activity Update

Wednesday 13 June 2018 11:30 (15 minutes)

Presenter: SPOONER, Neil (University of Sheffield)

Contribution ID: 25

Type: **not specified**

SLAC Contribution to ArgonCube

Wednesday 13 June 2018 11:45 (15 minutes)

Presenter: Mr TANAKA, Hirohisa (University of Toronto/IPP/TRIUMF)

Contribution ID: 26

Type: **not specified**

DUNE PRISM

Wednesday 13 June 2018 12:00 (30 minutes)

Presenter: TANAKA, Hirohisa (University of Toronto/IPP/TRIUMF)

Contribution ID: 27

Type: **not specified**

Reconstruction and 3D Pattern recognition

Wednesday 13 June 2018 14:20 (20 minutes)

Presenter: USHER, Tracy (SLAC National Accelerator Laboratory)

Contribution ID: 28

Type: **not specified**

3D data reconstruction using deep neural network

Wednesday 13 June 2018 14:40 (50 minutes)

Presenter: Dr TERAOKA, Kazuhiro (SLAC National Accelerator Laboratory)

Contribution ID: **29**

Type: **not specified**

Repurposing the 2x2

Wednesday 13 June 2018 16:15 (20 minutes)

Presenter: BROSS, Alan (Fermilab)

Contribution ID: **30**

Type: **not specified**

Summary and Farewell

Wednesday 13 June 2018 16:55 (10 minutes)

Presenter: EREDITATO, Antonio (Universitaet Bern (CH))

Contribution ID: **31**

Type: **not specified**

LArPix DAQ Studies / Requirements

Tuesday 12 June 2018 16:40 (20 minutes)

Presenter: TOGNINA, Camilla