

Simons center MATHUSLA workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

welcome - opening

Monday, 27 August 2018 09:00 (10 minutes)

Presenter: ALVAREZ-GAUME, Luis (Simons Center)

Contribution ID: 2

Type: **not specified**

Theory introductory talk (30+10)

Monday, 27 August 2018 09:10 (40 minutes)

Presenter: MANGANO, Michelangelo (CERN)

Contribution ID: 3

Type: **not specified**

MATHUSLA overview in context of other experiments (30+10)

Monday, 27 August 2018 09:50 (40 minutes)

Presenter: CURTIN, David (University of Toronto)

Contribution ID: 4

Type: **not specified**

Cosmic Ray Physics at MATHUSLA (30+10)

Monday, 27 August 2018 10:50 (40 minutes)

Presenter: ARTEAGA, Juan Carlos (Universidad Michoacana)

Contribution ID: 5

Type: **not specified**

MATHUSLA Test Stand Experimental Update

Monday, 27 August 2018 11:30 (20 minutes)

Presenter: ALPIGANI, Cristiano (University of Washington, Seattle)

Contribution ID: 6

Type: **not specified**

Update on Background Studies (30+10)

Monday, 27 August 2018 11:50 (40 minutes)

Presenter: WATTS, Gordon (University of Washington (US))

Contribution ID: 7

Type: **not specified**

MATHUSLA Design Overview (30+10)

Monday, 27 August 2018 13:40 (40 minutes)

Presenters: ETZION, Erez (Tel Aviv University (IL)); YOUNG, Charlie (SLAC National Accelerator Laboratory (US))

Contribution ID: **8**

Type: **not specified**

RPC Detectors for MATHUSLA (30+20)

Monday, 27 August 2018 14:20 (50 minutes)

Presenters: SANTONICO, Rinaldo (Universita e INFN Roma Tor Vergata (IT)); SANTONICO, Rinaldo (INFN e Universita Roma Tor Vergata (IT))

Contribution ID: 9

Type: **not specified**

RPC or other options for MATHUSLA (30+20)

Monday, 27 August 2018 15:10 (50 minutes)

Presenters: ETZION, Erez (Tel Aviv University (IL)); HENG, Yuekun

Contribution ID: **10**

Type: **not specified**

**Discussion session with Reviewers: Detector layout
(technology independent, physics driven). Erez,
Cristiano**

Monday, 27 August 2018 16:30 (1h 30m)

Contribution ID: **11**

Type: **not specified**

Theory talk (30+10)

Tuesday, 28 August 2018 09:00 (40 minutes)

Presenter: SUNDRUM, Raman (University of Maryland)

Contribution ID: 12

Type: **not specified**

Discussion with Reviewers (coffee will be available): Detector technology. Henry, Charlie

Tuesday, 28 August 2018 10:00 (2 hours)

Contribution ID: 13

Type: **not specified**

Simons Center Weekly Colloquium on MATHUSLA

Tuesday, 28 August 2018 13:00 (1 hour)

Presenter: CURTIN, David (University of Toronto)

Contribution ID: 14

Type: **not specified**

Discussion with Reviewers: Detector technology. Henry, Charlie

Tuesday, 28 August 2018 14:30 (3h 30m)

Contribution ID: 15

Type: **not specified**

Discussion with Reviewers: DAQ. Charlie, Erez.

Wednesday, 29 August 2018 09:00 (2 hours)

Contribution ID: 16

Type: **not specified**

Discussion with Reviewers: Simulation. David, Martin.

Wednesday, 29 August 2018 11:30 (1 hour)

Contribution ID: 17

Type: **not specified**

Reviewers report writing

Wednesday, 29 August 2018 14:00 (1h 30m)

Contribution ID: **18**

Type: **not specified**

Reviewers report writing

Wednesday, 29 August 2018 16:00 (2 hours)

Contribution ID: **19**

Type: **not specified**

MATHUSLA Test Stand Simulation Update (20+10)

Thursday, 30 August 2018 09:00 (30 minutes)

Presenter: CHOU, John Paul (Rutgers State Univ. of New Jersey (US))

Contribution ID: 20

Type: **not specified**

Updates [Superlayers by Audrey, CR Physics Case Articulation by David]

Thursday, 30 August 2018 09:30 (1h 30m)

Contribution ID: 21

Type: **not specified**

Update document to incorporate reviewer feedback and new results

Thursday, 30 August 2018 11:30 (1 hour)

Contribution ID: 22

Type: **not specified**

Update document to incorporate reviewer feedback and new results

Thursday, 30 August 2018 14:00 (2 hours)

Contribution ID: 23

Type: **not specified**

Update document to incorporate reviewer feedback and new results

Thursday, 30 August 2018 16:30 (1h 30m)

Contribution ID: 24

Type: **not specified**

Summary of workshop developments

Friday, 31 August 2018 09:08 (30 minutes)

Presenters: YOUNG, Charlie (SLAC National Accelerator Laboratory (US)); CURTIN, David (University of Toronto); ETZION, Erez (Tel Aviv University (IL)); LUBATTI, Henry (University of Washington (US))

Contribution ID: 25

Type: **not specified**

Update document to incorporate reviewer feedback and new results

Friday, 31 August 2018 09:38 (1h 30m)

Contribution ID: 26

Type: **not specified**

Update document to incorporate reviewer feedback and new results

Friday, 31 August 2018 11:38 (1h 30m)

Contribution ID: 27

Type: **not specified**

Alternative detectors - plastic and liquid scintillators

Tuesday, 28 August 2018 09:40 (20 minutes)

Presenter: ETZION, Erez (Tel Aviv University (IL))