

New Opportunities at the Next Generation Neutrino Experiments

Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening of the workshop and Welcome

Friday, 12 April 2019 09:00 (10 minutes)

Presenter: YU, Jae (University of Texas at Arlington (US))

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Theoretical Landscape of Dark Matter Models to probe in Neutrino Experiments (30+15)

Friday, 12 April 2019 09:55 (45 minutes)

Presenter: Prof. CUI, Yanou (University of California, Riverside)

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Theoretical Landscape of Neutrino BSM (30+15)

Friday, 12 April 2019 09:10 (45 minutes)

Presenter: SHOEMAKER, Ian

Session Classification: Session 1

Contribution ID: 4

Type: **not specified**

BSM Searches with LAr Detectors (30+15)

Friday, 12 April 2019 11:00 (45 minutes)

Presenter: TSAI, Yun-Tse (SLAC)

Session Classification: Session 2

Contribution ID: 5

Type: **not specified**

BSM Searches with Cherenkov Detectors (30+15)

Friday, 12 April 2019 11:45 (45 minutes)

Presenter: THOMAS, Jenny (University of London (GB))

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

BSM Searches with Near Detectors (30+10)

Friday, 12 April 2019 14:00 (40 minutes)

Presenter: MACHADO, Pedro (Fermilab)

Session Classification: Session 3

Contribution ID: 7

Type: **not specified**

Generators Overview (30+10)

Friday, 12 April 2019 14:40 (40 minutes)

Presenter: BERGER, Joshua (University of Pittsburgh)

Session Classification: Session 3

Contribution ID: 8

Type: **not specified**

Systematic Uncertainty Integration and BSM (30+10)

Friday, 12 April 2019 15:20 (40 minutes)

Presenter: BISHAI, Mary (Brookhaven National Laboratory (US))

Session Classification: Session 3

Contribution ID: 9

Type: **not specified**

Double Bang at IceCube (20+10)

Session Classification: Session 3

Contribution ID: **10**

Type: **not specified**

BSM Searches with COHERENT

Saturday, 13 April 2019 09:00 (30 minutes)

Presenter: SINEV, Gleb (DUNE University)

Session Classification: Session 5

Contribution ID: **11**

Type: **not specified**

BSM Physics with Beam Dump Experiments

Saturday, 13 April 2019 09:30 (30 minutes)

Presenters: DE ROECK, Albert (CERN); DE ROECK, Albert (CERN)

Session Classification: Session 5

Contribution ID: 12

Type: **not specified**

Machine Learning and BSM Searches

Saturday, 13 April 2019 10:00 (30 minutes)

Presenters: AURISANO, Adam (University of Cincinnati); AURISANO, Adam Jude (University of Cincinnati (US))

Session Classification: Session 5

Contribution ID: 13

Type: **not specified**

White Paper Structure (15+15)

Saturday, 13 April 2019 11:00 (30 minutes)

Presenters: SOUSA, Alexandre (University of Cincinnati); DE GOUVEA, Andre (Northwestern University); YU, Jae (University of Texas at Arlington (US))

Session Classification: Session 6

Contribution ID: 14

Type: **not specified**

White Paper Planning and Writing Assignments

Saturday, 13 April 2019 11:30 (50 minutes)

Presenter: ALL PARTICIPANTS

Session Classification: Session 6

Contribution ID: 15

Type: **not specified**

Closeout

Presenter: YU, Jae (University of Texas at Arlington (US))

Session Classification: Session 6

Contribution ID: 16

Type: **not specified**

Optimization of Boosted Dark Matter Searches (25+10)

Friday, 12 April 2019 16:30 (35 minutes)

Presenter: KIM, Doojin (University of Florida)

Session Classification: Session 4

Contribution ID: 17

Type: **not specified**

Millicharged Particles in Neutrino Experiments and FerMINI (15+5)

Friday, 12 April 2019 17:55 (20 minutes)

Presenter: Dr TSAI, Yu-Dai (Fermilab)

Session Classification: Session 4

Contribution ID: **18**

Type: **not specified**

Search for BSM at MINER & Other Reactor Neutrino Experiments (20+5)

Friday, 12 April 2019 17:05 (25 minutes)

Presenter: KUBIK, Andrew Michael (Texas A&M University (US))

Session Classification: Session 4

Contribution ID: 19

Type: **not specified**

BSM Search Results and Prospects at MINOS and NOvA

Friday, 12 April 2019 17:30 (25 minutes)

Presenter: TODD, Jacob (University of Cincinnati (US))

Session Classification: Session 4

Contribution ID: 20

Type: **not specified**

Continued White Paper Writing & closing

Saturday, 13 April 2019 14:00 (2 hours)

Presenters: ALL WILLING PARTICIPANTS; YU, Jae (University of Texas at Arlington (US))

Session Classification: Session 7

Contribution ID: 21

Type: **not specified**

Closing

Session Classification: Session 7

Contribution ID: 22

Type: **not specified**

Closeout

Presenter: YU, Jae (University of Texas at Arlington (US))

Session Classification: Session 7