

Looking for ν physics on Earth and in the Cosmos

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Welcome

Tuesday, 7 January 2020 08:50 (10 minutes)

Presenter: SYMONS, Timothy

Session Classification: Morning Session

Contribution ID: 2

Type: **not specified**

Probing QCD Matter, Hot and Cold

Tuesday, 7 January 2020 09:00 (25 minutes)

Presenter: JACAK, Barbara

Session Classification: Morning Session

Contribution ID: 3

Type: **not specified**

Nuclear physics of neutron star mergers

Tuesday, 7 January 2020 09:25 (25 minutes)

Presenter: MCLAUGHLIN, Gail

Session Classification: Morning Session

Contribution ID: 4

Type: **not specified**

Neutrinos from matter-rich binary mergers

Tuesday, 7 January 2020 09:50 (25 minutes)

Presenter: LUNARDINI, Cecilia

Session Classification: Morning Session

Contribution ID: 5

Type: **not specified**

Testing Conservation Principles via Neutrinoless Double Beta Decay

Tuesday, 7 January 2020 10:45 (25 minutes)

Presenter: WILKERSON, John

Session Classification: Morning Session

Contribution ID: 6

Type: **not specified**

Neutrino Flavor, Nuclear Physics and Entropy, and the Dark Sector

Tuesday, 7 January 2020 11:10 (25 minutes)

Presenter: FULLER, George

Session Classification: Morning Session

Contribution ID: 7

Type: **not specified**

The direct road to neutrino mass

Tuesday, 7 January 2020 11:35 (25 minutes)

Presenter: ROBERTSON, Hamish

Session Classification: Morning Session

Contribution ID: 8

Type: **not specified**

The Deaths of Massive Stars and the Birth of Black Holes

Tuesday, 7 January 2020 14:30 (25 minutes)

Presenter: WOOSLEY, Stan

Session Classification: Afternoon Session

Contribution ID: 9

Type: **not specified**

From solar neutrinos to dark matter

Tuesday, 7 January 2020 14:55 (25 minutes)

Presenter: BALANTEKIN, Akif Baha (University of Wisconsin-Madison)

Session Classification: Afternoon Session

Contribution ID: **10**

Type: **not specified**

Re-visiting the Bloch-Horowitz equation, and reminiscing at the same time

Tuesday, 7 January 2020 15:20 (25 minutes)

Presenter: LUU, Tom

Session Classification: Afternoon Session

Contribution ID: **11**

Type: **not specified**

Gravity with Levity

Tuesday, 7 January 2020 16:15 (25 minutes)

Presenter: ADELBBERGER, Eric

Session Classification: Afternoon Session

Contribution ID: **12**

Type: **not specified**

Hadronic Parity Violation

Tuesday, 7 January 2020 16:40 (25 minutes)

Presenter: HOLSTEIN, Barry

Session Classification: Afternoon Session

Contribution ID: 13

Type: **not specified**

Neutrinos, dark matter and effective theories

Wednesday, 8 January 2020 09:00 (25 minutes)

Presenter: JI, Xiangdong

Session Classification: Morning Session

Contribution ID: **14**

Type: **not specified**

Stronger nuclear structure calculations for weak physics

Wednesday, 8 January 2020 09:25 (25 minutes)

Presenter: JOHNSON, Calvin

Session Classification: Morning Session

Contribution ID: 15

Type: **not specified**

From the Sun to the Cosmos: Solving the Neutrino Flavor Equations

Wednesday, 8 January 2020 11:35 (25 minutes)

Presenter: GROHS, Evan

Session Classification: Morning Session

Contribution ID: 16

Type: **not specified**

Connecting LQCD to Nuclear Structure via Harmonic-Oscillator-Based Effective Theory

Wednesday, 8 January 2020 09:50 (25 minutes)

Presenter: MCELVAIN, Kenneth

Session Classification: Morning Session

Contribution ID: 17

Type: **not specified**

P- and T-odd Nuclear Moments

Tuesday, 7 January 2020 17:05 (25 minutes)

Presenter: Prof. RAMSEY-MUSOLF, Michael (University of Massachusetts-Amherst)

Session Classification: Afternoon Session

Contribution ID: **18**

Type: **not specified**

Lattice QCD for Nuclear Physics

Wednesday, 8 January 2020 10:45 (25 minutes)

Presenter: WALKER-LOUD, Andre

Session Classification: Morning Session

Contribution ID: **19**

Type: **not specified**

Quarkyonic Matter and Hard Equations of State

Wednesday, 8 January 2020 11:10 (25 minutes)

Presenter: MCLERRAN, Larry

Session Classification: Morning Session

Contribution ID: 20

Type: **not specified**

Neutrino quantum kinetics or neutrino transport

Wednesday, 8 January 2020 14:30 (25 minutes)

Presenter: RICHERS, Sherwood

Session Classification: Afternoon Session

Contribution ID: 21

Type: **not specified**

Neutron Stars: New insights and some old puzzles

Wednesday, 8 January 2020 14:55 (25 minutes)

Presenter: REDDY, Sanjay

Session Classification: Afternoon Session

Contribution ID: 22

Type: **not specified**

Origin of Heavy Elements in the Early Universe

Wednesday, 8 January 2020 15:20 (25 minutes)

Presenter: QIAN, Yong

Session Classification: Afternoon Session

Contribution ID: 23

Type: **not specified**

Entanglement and Collective Neutrino Oscillations

Wednesday, 8 January 2020 16:15 (25 minutes)

Presenter: PATWARDHAN, Amol

Session Classification: Afternoon Session

Contribution ID: 24

Type: **not specified**

Retrospective

Wednesday, 8 January 2020 16:40 (25 minutes)

Presenter: STEPHENSON, Gerry

Session Classification: Afternoon Session

Contribution ID: 25

Type: **not specified**

Behind the Scenes

Wednesday, 8 January 2020 17:05 (15 minutes)

Presenter: GIBSON, Benjamin

Session Classification: Afternoon Session