

Looking for ν physics on Earth and in the Cosmos

Tuesday, 7 January 2020

Morning Session: I - Perseverance Hall (08:50 - 10:15)

-Conveners: Volker Kock

time	[id] title	presenter
08:50	[1] Welcome	SYMONS, Timothy
09:00	[2] Probing QCD Matter, Hot and Cold	JACAK, Barbara
09:25	[3] Nuclear physics of neutron star mergers	MCLAUGHLIN, Gail
09:50	[4] Neutrinos from matter-rich binary mergers	LUNARDINI, Cecilia

Morning Session: II - Perseverance Hall (10:45 - 12:00)

-Conveners: Akif Baha Balantekin

time	[id] title	presenter
10:45	[5] Testing Conservation Principles via Neutrinoless Double Beta Decay	WILKERSON, John
11:10	[6] Neutrino Flavor, Nuclear Physics and Entropy, and the Dark Sector	FULLER, George
11:35	[7] The direct road to neutrino mass	ROBERTSON, Hamish

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-Conveners: Alan Poon

time	[id] title	presenter
09:00	[13] Neutrinos, dark matter and effective theories	JI, Xiangdong
09:25	[14] Stronger nuclear structure calculations for weak physics	JOHNSON, Calvin
09:50	[16] Connecting LQCD to Nuclear Structure via Harmonic-Oscillator-Based Effective Theory	MCELVAIN, Kenneth

Morning Session: II - Perseverance Hall (10:45 - 12:00)

-Conveners: Peter Jacobs

time	[id] title	presenter
10:45	[18] Lattice QCD for Nuclear Physics	WALKER-LOUD, Andre
11:10	[19] Quarkyonic Matter and Hard Equations of State	MCLERRAN, Larry
11:35	[15] From the Sun to the Cosmos: Solving the Neutrino Flavor Equations	GROHS, Evan