

14th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2022)

Tuesday, August 30, 2022

Nu: Neutrino Masses and Neutrino Mixing - Palm Ballroom 3 (1:00 PM - 3:00 PM)

-Conveners: Bryan Ramson; Pedro Machado

time	[id] title	presenter
1:00 P	M255] Oscillation Analysis with Atmospheric Neutrinos at Super-Kamiokande	WESTER, Thomas
1:20 P	M288] Recent Results from NOvA	WHITTINGTON, Denver
1:40 P	M29] Recent Results from the Daya Bay Experiment	LEITNER, Rupert
2:00 P	M266] An Overview of Future Neutrino Experiments	Dr MOHAYAI, Tanaz
2:20 P	M275] High-precision cosmology using neutrinos and nucleosynthesis	GROHS, Evan
2:40 P	M264] Theory Overview of Coherent Elastic and Inelastic Neutrino-Nucleus Scattering	Dr PANDEY, Vishvas

Nu: Neutrino Masses and Neutrino Mixing - Palm Ballroom 3 (3:30 PM - 5:30 PM)

-Conveners: Bryan Ramson; Pedro Machado

time	[id] title	presenter
3:30 P	M115] Latest Results from KATRIN and Neutrino Mass	SCHUETZ, Ann-Kathrin
3:50 P	M16] Pulse-Shape-Based Analysis using Machine Learning in the MAJORANA DEMONSTRATOR	PAUDEL, Laxman Sharma
4:10 P	M95] An update on muon-induced backgrounds in LEGEND-1000	BARTON, Clay
4:30 P	M111] The Status of the Project 8 Neutrino Mass Experiment	Prof. DE VIVEIROS, Luiz
4:50 P	M11] Latest results from the CUORE experiment	CUORE COLLABORATION
5:10 P	M257] The Status and Latest Results from SBND & ICARUS	ZENNAMO, Joseph

Wednesday, August 31, 2022

Nu: Neutrino Masses and Neutrino Mixing - Palm Ballroom 3 , (3:30 PM - 5:30 PM)

-Conveners: Bryan Ramson; Pedro Machado

time	[id] title	presenter
3:30 PM	[M61] An Overview of Cross Sections in Neutrino Physics	TOMALAK, Oleksandr
3:50 PM	[M03] A Consideration of NOvA Cross Sections	MARTINEZ-CASALES, Maria
4:10 PM	[M54] Neutrino Cross Sections and New Physics Searches	COYLE, Nina
4:30 PM	[M09] $\sigma_{\nu e}$ & $\sigma_{\nu \mu}$: Brightening the Future of Neutrino Oscillation Measurements	BARROW, Joshua
4:50 PM	[M32] Neutrino-nucleon quasi-elastic scattering from lattice QCD	LIN, Yin
5:10 PM	[M60] Simulation of Energy Smearing and Angular Smearing in Neutrino Scattering Events Via Generic Parameterized Presets in the GENIE Event Generator	VOHRA, Ishaan

Thursday, September 1, 2022

Nu: Neutrino Masses and Neutrino Mixing - Palm Ballroom 1 (1:00 PM - 3:00 PM)

-Conveners: **Bryan Ramson; Pedro Machado**

time	[id] title	presenter
1:00 PM	[M46] Theory Overview on BSM in Neutrino Experiments	KIM, Doojin
1:20 PM	[M4] Beryllium-7 Electron Capture in Superconducting Tunnel Junctions: The BeEST Experiment	FRIEDRICH, Stephan
1:40 PM	[M21] First Results from MicroBooNE's Low Energy Excess Search and Constraints on eV-Scale Sterile Neutrino Oscillations	BARROW, Joshua
2:00 PM	[M1] Simulating and constraining dark neutrino sectors	HOSTERT, Matheus
2:20 PM	[M34] An Overview of Reactor Neutrino Experiments	SUBEDI, Tulasi
2:40 PM	[M7] Electron Scattering Cross-Sections for Neutrinos @ JLab	MARIANI, Camillo

Saturday, September 3, 2022

Nu: Neutrino Masses and Neutrino Mixing - Palm Ballroom 3 (1:00 PM - 3:00 PM)

-Conveners: Bryan Ramson; Pedro Machado

time	[id] title	presenter
1:00 PM	[M72] Theory overview of neutrino astrophysics	KHEIRANDISH, Ali
1:20 PM	[M8] Neutrino flavor oscillations with tensor network methods	SIWACH, Pooja
1:40 PM	[M58] Neutrinos in supernovae: flavor mixing and νp process nucleosynthesis	PATWARDHAN, Amol
2:00 PM	[M52] Neutrino-induced coherent π^+ production in C, CH, Fe and Pb at $E_{\nu} \approx 6$ GeV	RAMIREZ DELGADO, Alejandro
2:20 PM	[M05] Theory overview of neutrinoless double beta decay	MEREGHETTI, emanuele