

53rd Annual Users Meeting

Monday, 10 August 2020

Poster session: Room 3: "Cosmic" (12:10 - 13:25)

time	[id] title	presenter
12:10	[43] First Measurement of Differential Charged Current Quasielastic-like ν_{μ} –Argon Scattering Cross Sections with the MicroBooNE Detector	PAPADOPOULOU, Afroditi
12:25	[44] Quantum entanglement in neutrino oscillations	Mr JHA, Abhishek
12:40	[46] Effect of sterile phases on degeneracy resolution capabilities of NOvA	Mr CHATLA, Akshay
12:55	[48] Three-flavor neutrino oscillations in NOvA	Dr CATANO MUR, Erika
13:10	[47] Analysis of the impact of different hit finding techniques on charge and energy reconstruction for ICARUS	GINNETT, Isabella

Poster session: Room 5: "Innovation" (12:10 - 13:25)

time	[id] title	presenter
12:10	[1] Systematic Studies for a Photon-like Low Energy Excess Search at MicroBooNE	YARBROUGH, Gray
12:25	[50] Measurement of Single Electron Events in MicroBooNE	CARO TERRAZAS, Ivan Mr CARO TERRAZAS, Ivan
12:40	[42] Light sterile neutrinos and their implications on currently running long-baseline and neutrinoless double beta decay experiments.	MAJHI, RUDRA
12:55	[4] Measurement of pion cross-section in ProtoDUNE SP detector at CERN	JIANG, Libo

Poster session: Room 2: "Research" (12:10 - 13:25)

time	[id] title	presenter
12:10	[7] Search for a Higgs Portal scalar in MicroBooNE	GUZOWSKI, Pawel
12:25	[8] Neutrino Energy Reconstruction in NOvA	SUTTON, Andrew
12:40	[19] Measurement of low- Q^2 protons from neutral current events in argon with MicroBooNE	Dr REN, Lu Dr REN, Lu
12:55	[40] Accelerating Calculation of Confidence Intervals for NOvA's Neutrino Oscillation Parameter Estimation with Supercomputers	CALVEZ, Steven
13:10	[41] Constraining the Neutral Current π^0 Background for MicroBooNE's Single-Photon Search	MOGAN, Andrew

Poster session: Room 1: "Intensity" (12:10 - 13:25)

time	[id] title	presenter
12:10	[51] $\nu_{\beta\beta}$ searches at a theoretical DUNE 4th module	REESMAN, Grace

12:25	[2] Results from the ICARUS T600 Detector concerning the "Online Method" of Purity Monitoring	BITTER, Olivia
12:40	[3] Implication of A_4 modular symmetry on neutrino mass, mixing and Leptogenesis	BEHERA, mitesh kumar
12:55	[5] Charge response and energy calibration of ProtoDUNE-SP	CHAMBERS-WALL, Graham
13:10	[6] A deep-learning based raw waveform region-of-interest finder for the liquid argon time projection chamber	WU, Wanwei

Poster session: Room 4: "Energy" (12:10 - 13:25)

time	[id] title	presenter
12:10	[53] Neutrino Tridents in the NOvA Near Detector	SMITH, Erica MICHAELS, Kelli SMITH, Erica
12:25	[49] ANNIE: The Accelerator Neutrino Neutron Interaction Experiment	TIRAS, Emrah
12:40	[55] Data-driven track reconstruction performance studies in MicroBooNE	ZHELNIN, Pavel
12:55	[69] DUNE-beta: Can we expand DUNE's physics program to search for neutrino-less double beta decay?	PSIHAS OLMEDO, Fernanda