



# New Perspectives

## Thursday, June 16, 2022

### Neutrinos: DUNE - One West (3:15 PM - 4:30 PM)

-Conveners: Polina Abratenko

time	[id] title	presenter
3:15 P	[13] Modeling and Analysis of Ionization Laser Calibration for the DUNE Time Projection Chamber	DECK, Eric
3:30 P	[14] Prototyping for the DUNE ND-LAr Light Detection System	Mr CALIVERS, Livio
3:45 P	[15] Muon Momentum Estimation in ProtoDUNE using Multiple Coulomb Scattering	Dr KASETTI, Siva Prasad
4:00 P	[17] Baryon Number Violation Searches in DUNE	STOKES, Tyler
4:15 P	[12] Development of Ionization Laser Calibration System for DUNE	HICKS, Rebecca

### Neutrinos: ANNIE - One West (4:45 PM - 5:30 PM)

-Conveners: Matthew Judah

time	[id] title	presenter
4:45 P	[15] ANNIE in 10 minutes	ASCENCIO SOSA, Marvin
5:00 P	[11] First LAPPD Deployment in ANNIE	HACKSPACHER, Paul
5:15 P	[16] Reconstruction Techniques in ANNIE	LEMMONS, Franklin

# Friday, June 17, 2022

## Neutrinos: SBND - One West (8:15 AM - 9:15 AM)

-Conveners: Afroditi Papadopoulou

time	[id] title	presenter
8:15 AM	[M4] SBND in 10 Minutes	FRANDINI, Heriques
8:30 AM	[M4] Data Acquisition & Reconstruction Efficiency with the SBND PDS	TUNG, Lynn
8:45 AM	[M7] The UV Laser Calibration System for measuring the electric field in the SBND Liquid Argon Time Projection system	MULLERIA BABU, Shivaraj
9:00 AM	[M2] Study of the QE-like Exclusive Channel at SBND	JUNG, Mun Jung

## Neutrinos: ICARUS/ LArTPCs - One West (9:20 AM - 10:20 AM)

-Conveners: Rob Fine

time	[id] title	presenter
9:20 AM	[M8] ICARUS in 10 minutes	BOONE, Tyler BOONE, Tyler
9:35 AM	[M7] Hit Reconstruction in the ICARUS (SBN FD) Cosmic Ray Tagging system	HEGGESTUEN, Anna
9:50 AM	[M1] Muon-neutrino selection and reconstruction in ICARUS	LARKIN, Jacob
10:05 AM	[M3] Phenomenological Demonstration of Deep Neural Networks in the search for BSM Physics with LArTPCs	DYER, Jamie

## Neutrinos: MiniBooNE/ MicroBooNE/ Neutrino beams - One West (1:30 PM - 2:30 PM)

-Conveners: Stefano Tognini

time	[id] title	presenter
1:30 PM	[M8] MiniBooNE in 10 Minutes	KAMP, Nick
1:45 PM	[M9] MicroBooNE in 10 Minutes	MOOR, Alexandra
2:00 PM	[M] Measuring the Neutral Current Neutral Pion Cross Section on Argon in MicroBooNE	OZA, Nupur
2:15 PM	[M4] Application of hadron production data to Fermilab neutrino beam simulations	BOSTAN, Nilay

## Tuesday, June 21, 2022

### Neutrinos: LArIAT/ MINERvA - One West (8:00 AM - 9:15 AM)

-Conveners: Ivan Lepetic

time	[id] title	presenter
8:00 AM	[102] LArIAT in 10 minutes	LIMA LICHTENSTEIN, Gabriela
8:15 AM	[107] MINERvA in 10 Minutes	KLUSTOVA, Anezka
8:30 AM	[103] Heavy Neutral Lepton Search at MINERvA	PLOWS, Komninos-John
8:45 AM	[104] Nuclear medium effects in the antineutrino induced deep inelastic scattering for $E_{\bar{\nu}_{\mu}} \sim 6\text{GeV}$ at MINERvA	ANSARI, Vaniya
9:00 AM	[105] CC numu 1 pi+ production in the MINERvA tracker	GRANADOS VAZQUEZ, Everardo

### Neutrinos: NOvA - One West (9:30 AM - 10:30 AM)

-Conveners: Lauren Yates

time	[id] title	presenter
9:30 AM	[107] NOvA in 10 minutes	MANRIQUE PLATA, Maria
9:45 AM	[109] Status of the measurement of the muon neutrino charged-current coherent pion production in the NOvA near detector	KURUPPU, Chatura
10:00 AM	[111] Evaluating a novel, HEP distributed data service for NOvA neutrino candidate selection	Dr SYED, Sajid Ali
10:15 AM	[120] Status of MRE Study for Neutrino-Electron Elastic Scattering in the NOvA Near Detector	BRAHMA, Barnali