



# NuFact 2024 - The 25th International Workshop on Neutrinos from Accelerators

## Wednesday, 18 September 2024

**Parallel: WG6 - A1100 (11:10 - 13:10)**

-Conveners: Yasuhiro NISHIMURA

time	[id] title	presenter
11:10	[77] Machine Learning Reconstruction for DUNE's Near Detector Prototype: Handling Multi-Detector Input to Identify 3D Particle Signatures	Dr MICALLEF, Jessie
11:30	[41] Enforcing Self-Consistent Kinematic Constraints in Neutrino Energy Estimators	BARROW, Joshua
11:50	[89] Tagging Neutron Capture on Argon for Energy Calibration and MeV Physics	SHI, Wei
12:10	[53] Electromagnetic Response Studies in the NOvA Test Beam	MYERS, Dalton
12:30	[123] Seasonal Variation in Cosmic Muon Rate at the NOvA Experiment	PAL, Amit
12:50	[84] Measurements of MeV-Scale Radon Progeny in the MicroBooNE LArTPC	FOREMAN, William

# Thursday, 19 September 2024

## **Parallel: WG6 - E1200 (13:45 - 15:45)**

-Conveners: Thorsten Lux

time	[id] title	presenter
13:45	[47] Detector calibration in the JUNO experiment	TAKENAKA, Akira
14:05	[52] A new near neutrino detector SuperFGD for the T2K experiment	DOYLE, Tristan
14:25	[29] The ICEBERG Test Stand for DUNE Cold Electronics Development	YANKELEVICH, Alejandro
14:45	[49] Energy reconstruction and calibration techniques of the DUNE LArTPC	Mr KUMAR, Praveen

## **Parallel: WG6 - E1200 (16:15 - 18:15)**

-Conveners: Yasuhiro NISHIMURA

time	[id] title	presenter
16:15	[219] Measurement of the mean excitation energy of liquid argon	STRAIT, Matthew
16:35	[45] The Near Detector Liquid Argon (ND-LAr) 2x2 prototype of DUNE	KUMARAN, Sindhujha
16:55	[69] Design and status of the JUNO detector	BERETTA, Marco
17:15	[108] Technical challenges for the new T2K High Angle TPCs	HASSANI, Samira Prof. COLLAZUOL , Gianmaria
17:35	[113] Advances in Additive Manufacturing of 3D-Segmented Plastic Scintillator Detectors for Particle Tracking and Calorimetry	KOSE, Umut

# Friday, 20 September 2024

## **Parallel: WG6 - E1200 (13:45 - 15:45)**

**-Conveners: Yasuhiro NISHIMURA**

time	[id] title	presenter
13:45	[122] ProtoDUNE Photon Detection System	SOTO, José
14:05	[42] DUNE FD3 APEX Physics Prospects and Prototyping Status	SHI, Wei
14:25	[2] Signal and Power transmission over Fiber in the DUNE Far Detector	SACERDOTI, Sabrina
14:45	[51] R&D of Power Over Fiber in harsh environments and its novel application for the DUNE FD-VD Photon Detection System	LEON SILVERIO, Diana
15:05	[209] PLATON: An Unsegmented Active Target Particle Tracking Detector Concept	DIEMINGER, Till
15:25	[208] Fine-granularity 3D particle tracking with scintillating fibres (SciFi) readout with a single-photon avalanche diode (SPAD) array sensor	FRANKS, Matthew