

NuFact 2022: The 23rd International Workshop on Neutrinos from Accelerators

Tuesday, August 2, 2022

Joint Session: Joint WG1-WG2: Constraining xsec systematics/Xsec tuning - Ballroom 2 (3:00 PM - 4:30 PM)

-Conveners: Jeremy Wolcott

time	[id] title	presenter
3:00 P	M116] T2K improved neutrino-nucleus interaction model tuned to global data	DOLAN, Stephen
3:22 P	M157] Cross-section tuning from a NOvA perspective	BAYS, Kirk
3:42 P	M113] Structure Functions and Tau Neutrino Cross-Section at DUNE Far Detector	YAEGGY, Barbara
4:04 P	M170] Current Need for Simulation Tuning Based on New Experimental Results in nu-A Scattering	PALEY, Jonathan

Joint Session: WG1 + WG5 - Ballroom 2 (5:00 PM - 6:30 PM)

-Conveners: Adam Aurisano

time	[id] title	presenter
5:00 P	M110] Status of the Short-Baseline Near Detector at Fermilab	NEBOT-GUINOT, Miquel
5:18 P	M146] Short-Baseline neutrino oscillation searches with the ICARUS detector	MENEGOLLI, Alessandro BEHERA, Biswaranjan
5:36 P	M122] Beyond the Standard Model Searches with the Short Baseline Near Detector (SBND)	BALASUBRAMANIAN, Supraja
5:54 P	M131] New sensitivities for eV-scale Sterile Neutrino Searches with IceCube	GARCIA SOTO, Alfonso Andres
6:12 P	M171] Beyond Standard Model Neutrino Oscillation Results from NOvA	Dr HEWES, V

Thursday, August 4, 2022

Joint Session: Joint WG1-WG2-WG6: Near Detector constraints - Ballroom 2&3 (11:20 AM - 12:50 PM)

-Conveners: Wesley Ketchum

time	[id] title	presenter
11:20	A17 [M2] The Path to Precision: Role of the DUNE Near Detectors	VALLARI, Zoya
11:38	A30 [M] SBND-PRISM: Sampling Multiple Off-Axis Neutrino Fluxes with the Same Detector	DEL TUTTO, Marco
11:56	A15 [M5] Latest results on T2K Near Detector constraints for neutrino oscillation measurements	WILKINSON, Callum
12:14	P18 [M8] The T2K Near Detector upgrade	EGUCHI, Aoi
12:32	P70 [M] Total neutron cross section measurement on CH with a novel 3D-projection scintillator detector	RICCIO, Ciro

Joint Session: Joint WG1-WG6: ML for reconstruction/selection - Ballroom 2&3 (2:20 PM - 3:50 PM)

-Conveners: Mark Scott

time	[id] title	presenter
2:20	P1 [M1] Machine Learning Techniques to Enhance Event Reconstruction in Water Cherenkov Detectors	PROUSE, Nick
2:42	P78 [M8] Measurement of Atmospheric Muon Neutrino Disappearance using CNN Reconstructions with IceCube	YU, Shiqi
3:04	P43 [M3] Machine Learning Methods for Solar Neutrino Classification	YANKELEVICH, Alejandro
3:26	P12 [M2] Panoptic Segmentation for Particle Identification in ProtoDUNE-SP	SARASTY, Carlos

Friday, August 5, 2022

Joint Session: WG3+WG4 - Magpie B (11:15 AM - 12:55 PM)

-Conveners: Angela Papa

time	[id] title	presenter
11:15 AM	[101] Muon acceleration for the muon g-2/EDM experiment at J-PARC	NAKAZAWA, Yuga
11:40 AM	[50] A Demonstrator For Muon Ionisation Cooling	ROGERS, Chris
12:05 PM	[10] Fermilab's Muon Campus: Status, Experiments, and Future	BOI, Steven
12:30 PM	[14] Pion-production target for Mu2e-II: simulation design and prototype	NEUFFER, David

Joint Session: WG4+6 : Detectors for experiments with muon beams - Ballroom 3 (4:10 PM - 5:40 PM)

-Conveners: Kevin Lynch

time	[id] title	presenter
4:10 PM	[9] Design, construction, and vertical slice performance tests of the Mu2e straw tracker	BONVENTRE, Richard
4:40 PM	[102] The High-Efficiency Cosmic Ray Veto Detector for the Mu2e Experiment at Fermilab	CORRODI, Simon
5:10 PM	[44] Online machine learning based event selection for COMET Phase-I	FUJII, Yuki