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

Tuesday, 2 August 2022

Joint Session: Joint WG1-WG2: Constraining xsec systematics/Xsec tuning - Ballroom 2 (15:00 - 16:30)

-Conveners: Jeremy Wolcott

time	[id] title	presenter
15:00	[116] T2K improved neutrino-nucleus interaction model tuned to global data	DOLAN, Stephen
15:22	[257] Cross-section tuning from a NOvA perspective	BAYS, Kirk
15:42	[113] Structure Functions and Tau Neutrino Cross-Section at DUNE Far Detector	YAEGGY, Barbara
16:04	[270] Current Need for Simulation Tuning Based on New Experimental Results in nu-A Scattering	PALEY, Jonathan

Joint Session: WG1 + WG5 - Ballroom 2 (17:00 - 18:30)

-Conveners: Adam Aurisano

time	[id] title	presenter
17:00	[10] Status of the Short-Baseline Near Detector at Fermilab	NEBOT-GUINOT, Miquel
17:18	[46] Short-Baseline neutrino oscillation searches with the ICARUS detector	MENEGOLLI, Alessandro BEHERA, Biswaranjan
17:36	[22] Beyond the Standard Model Searches with the Short Baseline Near Detector (SBND)	BALASUBRAMANIAN, Supraja
17:54	[31] New sensitivties for eV-scale Sterile Neutrino Searches with IceCube	GARCIA SOTO, Alfonso Andres
18:12	[271] Beyond Standard Model Neutrino Oscillation Results from NOvA	Dr HEWES, V

Thursday, 4 August 2022

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

-Conveners: Wesley Ketchum

time	[id] title	presenter
11:20	[272] The Path to Precision: Role of the DUNE Near Detectors	VALLARI, Zoya
11:38	[33] SBND-PRISM: Sampling Multiple Off-Axis Neutrino Fluxes with the Same Detector	DEL TUTTO, Marco
11:56	[115] Latest results on T2K Near Detector constraints for neutrino oscillation measurements	WILKINSON, Callum
12:14	[118] The T2K Near Detector upgrade	EGUCHI, Aoi
12:32	[70] 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 (14:20 - 15:50)

-Conveners: Mark Scott

time	[id] title	presenter
14:20	[81] Machine Learning Techniques to Enhance Event Reconstruction in Water Cherenkov Detectors	PROUSE, Nick
14:42	[78] Measurement of Atmospheric Muon Neutrino Disappearance using CNN Reconstructions with IceCube	YU, Shiqi
15:04	[43] Machine Learning Methods for Solar Neutrino Classification	YANKELEVICH, Alejandro
15:26	[72] Panoptic Segmentation for Particle Identification in ProtoDUNE-SP	SARASTY, Carlos

Friday, 5 August 2022

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

-Conveners: Angela Papa

time	[id] title	presenter
11:15	[6] Muon acceleration for the muon g-2/EDM experiment at J-PARC	NAKAZAWA, Yuga
11:40	[56] A Demonstrator For Muon Ionisation Cooling	ROGERS, Chris
12:05	[13] Fermilab's Muon Campus: Status, Experiments, and Future	BOI, Steven
12:30	[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 (16:10 - 17:40)

-Conveners: Kevin Lynch

time	[id] title	presenter
16:10	[9] Design, construction, and vertical slice performance tests of the Mu2e straw tracker	BONVENTRE, Richard
16:40	[102] The High-Efficiency Cosmic Ray Veto Detector for the Mu2e Experiment at Fermilab	CORRODI, Simon
17:10	[44] Online machine learning based event selection for COMET Phase-I	FUJII, Yuki