

New Directions in Neutrino-Nucleus Scattering (NDNN) NUSTEC Workshop

Monday, March 15, 2021

Flash Talks: Monday Session 1 - Chair: Prof. Camillo Mariani (9:45 AM - 10:15 AM)

time	[id] title	presenter
9:45 AM	[77] An improved muon neutrino charged-current single positive pion cross section on water using michel electron reconstruction in the T2K near detector	JENKINS, Sam
9:55 AM	[19] Extraction of the Inclusive Muon Neutrino Charged Current Cross Section at MicroBooNE using Wiener SVD Unfolding	COOPER-TROENDLE, London
10:05 AM	[22] Measurement of the Electron-Neutrino Charged-Current Inclusive Cross-Section on Argon in MicroBooNE	MISTRY, Krishan

Flash Talks: Monday Session II - Chair: Dr. Kirsty Duffy (12:45 PM - 1:15 PM)

time	[id] title	presenter
12:45 PM	[6] The GENIE Event Library Generator Interface	BACKHOUSE, Chris
12:55 PM	[76] Dark Neutrino Simulations with GENIE on SBND	DE ICAZA, Iker
1:05 PM	[10] Angular distributions in Monte Carlo event generation of weak single-pion production	NIEWCZAS, Kajetan

Tuesday, March 16, 2021

Flash Talks (9:30 AM - 10:00 AM)

time	[id] title	presenter
9:30 AM	[12] Extracting the nucleon axial form factor from LQCD using chiral perturbation theory	ALVARADO, Fernando
9:40 AM	[2] Q2 dependence at large x and impact on EMC studies	KALANTARIANS, Narbe
9:50 AM	[15] Compatibility of Neutrino Deep Inelastic Scattering Data in a Global Nuclear Parton Density Determination.	Mr MUZAKKA, Khoirul Faiq

Flash Talks: Tuesday Session - Chair: Dr. Andy Furmanski (11:15 AM - 12:15 PM)

time	[id] title	presenter
11:15 AM	[61] High Statistics Inclusive Cross Section Measurements from MINERvA	FILKINS, Amy
11:25 AM	[60] Overview of MINERvA's Binding Energy Study with the STKI Variables	CAI, Tejin
11:35 AM	[9] Constraints on neutrino electromagnetic properties from COHERENT elastic neutrino-nucleus scattering	ZHANG, Yiyu
11:45 AM	[25] Studying neutrino charged-current interactions in the COHERENT liquid argon detectors	CONLEY, Erin
11:55 AM	[11] Coherent elastic neutrino-nucleus scattering with the NuMI beamline and the ν BDX-DRIFT detector	ARISTIZABAL, Diego
12:05 PM	[79] Status of the ENUBET monitored neutrino beam	PARI, Michelangelo

Wednesday, March 17, 2021**Flash Talks: Wednesday Session - Chair: Prof. Camillo Mariani (7:30 AM - 8:10 AM)**

time	[id] title	presenter
7:30 AM	[23] Measurement of charged-current interactions on water using a nuclear emulsion detector in the NINJA experiment	Ms HIRAMOTO, Ayami
7:40 AM	[16] Inelastic neutrino-nucleus scattering in the superscaling model	Mr GONZALEZ ROSA, Jesus
7:50 AM	[69] Tau polarization in (anti-)neutrino-nucleon interactions.	Dr ALAM, M. Rafi
8:00 AM	[73] Towards the measurement of neutrino cross section on water in the 1 GeV region using the WAGASCI detector of the T2K experiment	PINTAUDI, Giorgio

Flash Talks: Wednesday Session II - Chair: Prof. Camillo Mariani (8:25 AM - 9:15 AM)

time	[id] title	presenter
8:25 AM	[63] Coulomb corrections for charged current events	PLESTID, Ryan
8:35 AM	[75] Quasielastic interactions of monoenergetic kaon decay-at-rest neutrinos	NIKOLAKOPOULOS, Alexis
8:45 AM	[82] Electroweak pion production off nucleons near threshold in ChPT	GUERRERO NAVARRO, Gustavo H
8:55 AM	[81] Importance of study of quasielastic hyperon production at DUNE energies	Dr FATIMA, A.
9:05 AM	[58] Electron scattering for neutrino physics at MAMI	Dr DORIA, Luca