

2017 Meeting of the APS Division of Particles and Fields (DPF 2017)

Monday, 31 July 2017

Neutrino Physics: Monday morning - Ramsey Auditorium (10:45 - 12:10)

-Conveners: JYOTI JOSHI

time	[id] title	presenter
10:45	[377] Sterile Neutrino Searches with NOvA	Dr DAVIES, Gavin S.
11:03	[103] The Short Baseline Near Detector at Fermilab	Dr CRESPO-ANADÓN, José Ignacio
11:21	[163] Improved Search for a Light Sterile Neutrino at Daya Bay, and Combined Analysis with MINOS and Bugey-3	Mr KRAMER, Matt
11:39	[426] Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay	Dr MARTINEZ CAICEDO, David

Neutrino Physics: Monday afternoon - Ramsey Auditorium (13:30 - 15:15)

-Conveners: Georgia Karagiorgi

time	[id] title	presenter
13:30	[253] Summary of the Second Numu Disappearance Results from the NOvA Experiment	Dr BAIRD, Michael
13:48	[68] Muon Neutrino Disappearance in the NOvA experiment	Ms MENDEZ, Diana Patricia
14:06	[139] Recent Developments in T2K Oscillation Analysis	Ms LI, Xiaoyue
14:24	[262] Using the PPFX package for the DUNE Experiment	BASHYAL, Amit
14:42	[177] Design of the LBNF Beamline	HYLEN, Jim
15:00	[280] Analytic Neutrino Oscillation Probabilities in Matter Revisited.	Dr PARKE, Stephen

Tuesday, 1 August 2017

Neutrino Physics: Tuesday morning - Ramsey Auditorium (10:45 - 12:15)

-Conveners: Sowjanya Gollapinni

time	[id] title	presenter
10:45	[29] Current Analysis Status for the Inclusive Neutral Current π^0 Production Cross section Measurement with the NOvA Near Detector	Ms KALRA, Daisy
11:03	[194] Measurement of Neutral Current Coherent π^0 Production In The NOvA Near Detector	DUYANG, Hongyue
11:21	[359] Measurement of Reconstructed Charged Particle Multiplicities of Neutrino Interactions in MicroBooNE	Ms RAFIQUE, Aleena
11:39	[294] Neutrino-Nucleus Deep Inelastic Scattering (DIS) results from MINERvA	Mr RIMAL, Dipak
11:57	[298] Antineutrino to neutrino charged-current interaction cross section ratio in MINERvA	Dr REN, Lu

Neutrino Physics: Tuesday afternoon - Ramsey Auditorium (13:30 - 15:15)

-Conveners: Minerba Betancourt

time	[id] title	presenter
13:30	[297] Nuclear Dependence of Quasi-Elastic Scattering at MINERvA	Prof. BERCELLIE, Aaron
13:48	[296] Recent MINERvA Double Differential CCQE Cross Section Results Using Lepton Kinematics	Prof. KLEYKAMP, Jeffrey
14:06	[217] Status of an Alternative Measurement of the Inclusive Muon Neutrino Charged-current Cross Section in the NOvA Near Detector	Mr BEHERA, Biswaranjan
14:24	[149] Status of the Charged Pion Semi-Inclusive Neutrino Charged-Current Cross Section in NOvA	Mr TSARIS, Aristeidis
14:42	[286] Status of the Electron-Neutrino Charged-Current Inclusive Cross-Section Measurement in NOvA	Mr DING, Pengfei
15:00	[205] Measurement of Neutrino-Electron Elastic Scattering at NOvA Near Detector	Prof. BIAN, Jianming

Wednesday, 2 August 2017

Neutrino Physics: Wednesday morning - Ramsey Auditorium (10:45 - 12:15)

-Conveners: Benjamin Jones

time	[id] title	presenter
10:45	[358] Solar and Supernova Neutrinos in Super-Kamiokande	Mr LOCKE, Scott
11:03	[171] Perturbative charm production and the prompt atmospheric neutrino flux in light of RHIC and LHC	Prof. SARCEVIC, INA
11:21	[327] New Measurement of Atmospheric Neutrino Oscillations with IceCube	Dr ATHAYDE MARCONDES DE ANDRÉ, João Pedro
11:39	[102] Dimension 7 neutrino mass generation and its implications for the LHC and the dark matter	Prof. NANDI, Satyanarayan

Neutrino Physics: Wednesday afternoon - Ramsey Auditorium (13:30 - 15:15)

-Conveners: Christopher Grant

time	[id] title	presenter
13:30	[227] COHERENT at the Spallation Neutron Source	SCHOLBERG, Kate
13:48	[224] Searching for Neutrino-Induced Neutron Production at the Spallation Neutron Source (SNS) on Lead Target	BECKER, Brandon
14:06	[362] CAPTAIN: Current Neutron and Future Stopped Pion Neutrino Measurements	Dr DOKANIA, Neha
14:24	[303] The LArIAT Experiment	Mr PULLIAM, Gregory
14:42	[276] A study of charged kaon-nucleon total interaction cross section in liquid argon.	GRAMELLINI, Elena
15:00	[277] Antiproton Annihilation on Argon Nuclei in LArIAT	FOREMAN, William

Thursday, 3 August 2017

Neutrino Physics: Thursday morning - Ramsey Auditorium (10:45 - 12:15)

-Conveners: Christopher Grant

time	[id] title	presenter
10:45	[319] Extracting neutrino oscillation parameters using a simultaneous fit of the nue appearance and numu disappearance data in the NOvA experiment	Mr SINGH, Prabhjot Singh
11:03	[221] Physics reach of electron neutrino appearance measurements in NOvA	CATANO MUR, Erika
11:21	[167] Measurement of Neutrino Flux In The DUNE Near Detector	DUYANG, Hongyue
11:39	[283] Optimization of the LBNF Neutrino Beam	Mr ZAKI, Rowan
11:57	[355] Reducing neutrino cross-section uncertainties with the NuPRISM experiment	Dr VILELA, Cristovao

Neutrino Physics: Thursday afternoon - Ramsey Auditorium (13:30 - 15:15)

-Conveners: Georgia Karagiorgi

time	[id] title	presenter
13:30	[14] Beyond Standard Model scales constrained by recent double beta decay experimental data	Prof. HOROI, Mihai
13:48	[21] Results from the MAJORANA DEMONSTRATOR	LOPEZ, Andrew
14:06	[293] Project 8: A New Generation of Neutrino Mass Experiment	Mr ASHTARI ESFAHANI, Ali
14:24	[306] Recent results of EXO-200 and R&D progress of nEXO	COON, Matthew
14:42	[469] Current Status and Commissioning of the SNO+ Experiment	Prof. GRANT, Christopher
15:00	[422] The NEXT Experiment	Dr JONES, Benjamin