



**DPF2015****Tuesday 04 August 2015****Neutrino Physics - Hussey (14:00-15:30)****-Conveners: Lindley Winslow; Lisa Kaufman; Irina Mocioiu; Daniel Hernandez**

time	[id] title	presenter
14:00	[149] Latest results/analysis in Double Chooz	Mr YANG, Guang
14:18	[348] Super Kamiokande Atmospheric Neutrino Analysis	KACHULIS, Chris
14:36	[284] Search for exotic transitions of muon neutrinos to electron neutrinos with MINOS	Dr GABRIELIAN, Marianna
14:54	[261] Search for flavor changing non-standard interactions with the MINOS+ experiment	GRAF, Nicholas Joseph
15:12	[180] An Experimental Program in Neutrinos, Nucleon Decay and Astroparticle Physics Enabled by the Fermilab Long-Baseline Neutrino Facility	STEWART, James Allen

**Neutrino Physics - Hussey (16:00-18:26)****-Conveners: Lindley Winslow; Lisa Kaufman; Irina Mocioiu; Daniel Hernandez**

time	[id] title	presenter
16:00	[148] DUNE: the Physics Potential of a Large, Underground, Liquid Argon Neutrino Detector	GRANT, Chris
16:18	[179] The LBNF Beamline	GOODMAN, Maury
16:36	[239] LBNO-DEMO (WA105): a large demonstrator of the Liquid Argon double phase TPC	MURPHY, Sebastien
16:54	[177] Characterization of New Meter Scale Light Guides for Liquid Argon TPC Light Collection	MOON, Jarrett
17:12	[302] First Run of the LArIAT Testbeam Experiment	FOREMAN, William
17:30	[256] The MicroBooNE Experiment and the Impact of Space Charge Effects	MOONEY, Michael
17:48	[49] Signal Processing in the MicroBooNE LAr TPC	Dr JOSHI, Jyoti
18:06	[394] The CAPTAIN experiment	BIAN, Jianming

# Wednesday 05 August 2015

## Neutrino Physics - Hussey (14:00-15:30)

-Conveners: Irina Mocioiu; Lisa Kaufman; Daniel Hernandez; Lindley Winslow

time	[id] title	presenter
14:00	[266] Results from CUORE-0 and a Status Report on CUORE	OUELLET, Jonathan
14:25	[1] Status Update of the MAJORANA DEMONSTRATOR Neutrinoless Double Beta Decay Experiment	Ms GRUSZKO, Julieta
14:45	[166] Barium Tagging in Solid Xenon for the nEXO Experiment	Mr CHAMBERS, Christopher
15:05	[214] Search for heavy Majorana neutrinos in same-sign dilepton + jets events in pp collisions at $\sqrt{s} = 8$ TeV	TIRAS, Emrah

## Neutrino Physics - Hussey (16:00-18:20)

time	[id] title	presenter
16:00	[384] KPipe: A Short-Baseline Muon-Neutrino Disappearance Experiment using Neutrinos from Kaon Decay-at-rest	AXANI, Spencer
16:20	[215] Looking for Sterile Neutrinos with NOvA	YANG, Shaokai
16:40	[193] Sensitivity and Discovery Potential of the PROSPECT Experiment	Dr GILJE, Karin
17:00	[342] Development of PROSPECT detectors for precision antineutrino studies	Ms NORCINI, Danielle
17:20	[51] Fast Neutron Detection with MITPC	MOULAI, Marjon
17:40	[144] Cosmogenic isotope production by stopping muons in Double Chooz	STRAIT, Matthew

# Thursday 06 August 2015

## Neutrino Physics - Hussey (14:00-15:30)

-Conveners: Irina Mocioiu; Lisa Kaufman; Lindley Winslow; Daniel Hernandez

time	[id] title	presenter
14:00	[380] Elementary target data and precision neutrino-nucleus cross sections	HILL, Richard
14:20	[150] Measurement of the Charged Current Electron Neutrino Interaction Rate on Water with the T2K Pi-zero Detector	JO, Jay Hyun
14:40	[175] Measurement of the $\nu_{\mu}$ Charged Current Quasielastic Scattering Cross Section on Water with the T2K Off-Axis Near Detector	LOPEZ, Jeremy
15:00	[78] HARP targets $\pi^{+}$ production measurements and $\nu_{\mu}$ flux for MiniBooNE	WICKREMASINGHE FOR MINIBOONE COLLABORATION, Don Athula

## Neutrino Physics - Hussey (16:00-18:00)

time	[id] title	presenter
16:00	[262] Neutrino Flux Studies at NOVA	MAAN, Kuldeep
16:20	[245] Neutrino CCQE Cross Section Discrepancies with Data and Generators	CUDD, Andrew
16:40	[270] nuPRISM	PONTI, Gregorio
17:00	[310] First Search for EMC Effect and Shadowing in Neutrino Scattering at MIENRvA	MOUSSEAU, Joel
17:20	[21] Electron neutrino charged-current quasi-elastic scattering in the MINERvA experiment	WOLCOTT, Jeremy
17:40	[436] Coherent Charged Pion Production at MINERvA	MISLIVEC, Aaron

# Friday 07 August 2015

## Neutrino Physics - Hussey (14:00-15:30)

-Conveners: Irina Mocioiu; Daniel Hernandez; Lisa Kaufman; Lindley Winslow

time	[id] title	presenter
14:00	[352] Results from the OPERA experiment at the CNGS beam	Dr HAYAKAWA, Tomohiro
14:18	[269] Prospects for measuring tau neutrino appearance in DeepCore	ATHAYDE MARCONDES DE ANDRE, Joao Pedro
14:36	[252] Neutrino Physics Prospects with PINGU	DEYOUNG, Tyce
14:54	[209] Numu Disappearance with IceCube/DeepCore	HIGNIGHT, Joshua
15:12	[183] Nucleon Decay Search in SNO+ Water Phase using a Likelihood Approach	LABE, Kevin

## Neutrino Physics - Hussey (16:00-18:06)

time	[id] title	presenter
16:00	[282] Muon neutrino disappearance at NOvA	BAYS, Kirk
16:18	[244] Extrapolation techniques and systematic uncertainties in the NOvA muon neutrino disappearance analysis	Dr SUTER, Louise
16:36	[218] Electron Neutrino Identification and First Results of the NuE Appearance Analysis at NOvA	BIAN, Jianming
16:54	[251] Cosmic Ray Background Rejection in NOvA	XIN, Tian
17:12	[171] Muon Induced EM Showers in NOvA Detectors	DUYANG, Hongyue
17:30	[275] Predicting the Far Detector Event Rate in the NOvA Electron Neutrino Appearance Channel	PERSHEY, Daniel
17:48	[99] Implementation of an upward-going muon trigger for indirect dark matter searches at the NOvA far detector	MINA, Robert