

15th International Conference on Topics in Astroparticle and Underground Physics, TAUP2017

Monday, July 24, 2017

Neutrino Parallel: Neutrino 1 - UPPER FRASER L FA056 (1:00 PM - 3:00 PM)

-Conveners: Hiro Tanaka

time	[id] title	presenter
1:00 PM	[19] Overview on neutrino electromagnetic properties	Prof. STUDENIKIN, Alexander
1:15 PM	[89] Limiting the effective magnetic moment of Solar neutrinos with the Borexino detector	LUDHOVA, Livia Prof. LUDHOVA, Livia
1:30 PM	[92] Atomic Many-Body Effects in Neutrinos and Dark Matters Detection	Mr WU, Chih-Pan
1:45 PM	[14] Flavor evolution in astrophysical environments and nonlinear feedback	CHATELAIN, Amelie
2:00 PM	[148] Local density of relic neutrinos with minimal mass	PASTOR, Sergio
2:15 PM	[50] Sensitive search for double electron capture on ^{124}Xe in XMASS	HIRAIDE, Katsuki
2:30 PM	[97] Search for the Two Neutrino Double Electron Capture with XENON1T	Mr FIEGUTH, Alexander
2:45 PM	[308] NO TALK	

Neutrino Parallel: Neutrino 2 - UPPER FRASER L FA056 (3:30 PM - 5:30 PM)

-Conveners: Jeanne Wilson-Hawke

time	[id] title	presenter
3:30 PM	[238] Status of the SNO+ Experiment	CADEN, Erica
3:45 PM	[88] First results of CUPID-0	Dr PIRRO, Stefano
4:00 PM	[162] Initial Results from the MAJORANA DEMONSTRATOR	CALDWELL, Thomas
4:15 PM	[105] The NEXT experiment for neutrinoless double beta decay searches	SIMÓN ESTÉVEZ, Ander
4:30 PM	[59] Latest results from NEMO-3 and commissioning status of SuperNEMO	Mr LE NOBLET, Thibaud
4:45 PM	[213] Discovery probability of next-generation neutrinoless double-beta decay experiments	Dr BENATO, Giovanni
5:00 PM	[66] nEXO: a tonne-scale next-generation double-beta decay experiment	MACLELLAN, Ryan
5:15 PM	[310] NO TALK	

Tuesday, July 25, 2017

Neutrino Parallel: Neutrino 3 - FA055 and FA056 (1:30 PM - 3:30 PM)

-Conveners: David Sinclair

time	[id] title	presenter
1:30 PM	[24] Investigation of double beta decay of ^{58}Ni at the Modane Underground Laboratory	RUKHADZE, Ekaterina
1:45 PM	[184] The Large Enriched Germanium Experiment for Neutrinoless Double Beta Decay (LEGEND)	WILKERSON, John
2:00 PM	[211] Neutrino-less double beta decay of ^{48}Ca studied by CaF_2 (pure) scintillators	Dr UMEHARA, Saori
2:15 PM	[154] Spectral analysis for the MAJORANA DEMONSTRATOR experiment	Dr HEHN, Lukas
2:30 PM	[30] The neutrino mass experiment KATRIN	FRAENKLE, Florian
2:45 PM	[204] The Electron Capture in ^{163}Ho Experiment	Dr SCHOLL, Stephan FOR THE ECHO COLLABORATION
3:00 PM	[205] Overview of Project 8 and Progress Towards Tritium Operation	Dr PETTUS, Walter
3:15 PM	[186] Rare Low-Energy Event Searches with the MAJORANA DEMONSTRATOR	Ms OTHMAN, Gulden

Neutrino Parallel: Neutrino 4 - FA055 and FA056 (4:00 PM - 6:00 PM)

-Conveners: Clarence Virtue

time	[id] title	presenter
4:00 PM	[23] Three-flavour neutrino oscillations and beyond	TÓRTOLA, Mariam
4:15 PM	[248] New Measurement of Atmospheric Neutrino Oscillations with IceCube	DEYOUNG, Tyce
4:30 PM	[18] Testing the Neutrino Mass Ordering with Multiple Years of IceCube/DeepCore	LEUERMANN, Martin LEUERMANN, Martin
4:45 PM	[192] Searches for Tau Neutrino Appearance in IceCube-DeepCore	LARSON, Michael
5:00 PM	[176] Neutrino Oscillation Physics with IceCube Gen2/Phase1	CLARK, Ken
5:15 PM	[194] The ICARUS detector	GIBIN, daniele
5:30 PM	[220] More results from the OPERA experiment	MAURI, Nicoletta
5:45 PM	[80] The latest T2K results on neutrino oscillations and neutrino-nucleus interactions	Dr SCOTT, Mark

Wednesday, July 26, 2017

Neutrino Parallel: Neutrino 5 - FA055 and FA056 (1:00 PM - 3:00 PM)

-Conveners: Chris Jillings

time	[id] title	presenter
1:00 PM	[72] Recent results from NOvA	BAYS, Kirk
1:15 PM	[143] CAPTAIN: Current Neutron and Future Stopped Pion Neutrino Measurements	WHITEHEAD, Lisa
1:30 PM	[103] Hyper-Kamiokande	TANAKA, Hidekazu
1:45 PM	[156] The 2nd Hyper-Kamiokande detector in Korea	SEO, Seon-Hee
2:00 PM	[239] The Hyper-K near detector programme	Dr WILSON, Jeanne
2:15 PM	[172] Sensitivity of the DUNE Experiment to CP Violation	WHITEHEAD, Lisa
2:30 PM	[174] Measurements of the Neutrino Flux Using the DUNE Near Detector	SINCLAIR, James Robert
2:45 PM	[86] The Monte Carlo simulation of the Borexino detector	MARCOCCI, Simone

Neutrino Parallel: Neutrino 6 - FA055 and FA056 (3:30 PM - 5:30 PM)

-Conveners: Chris Jillings

time	[id] title	presenter
3:30 PM	[100] Recent Solar neutrino Results from Super-Kamiokande	NAKANO, Yuuki
3:45 PM	[34] The Super-Kamiokande Gadolinium Project	SEKIYA, Hiroyuki
4:00 PM	[61] Solar neutrino flux at keV energies	Mr VITAGLIANO, Edoardo
4:15 PM	[151] Astroparticle Physics in Hyper-Kamiokande	Dr YANO, Takatomi
4:30 PM	[171] Supernova Neutrinos at the DUNE Experiment	WEINSTEIN, Amanda
4:45 PM	[182] Recent Results from the ANTARES Neutrino Telescope	BERTIN, Vincent
5:00 PM	[233] The Diffuse Supernova Neutrino Background: an update on the theory and detection prospects	Dr LUNARDINI, Cecilia
5:15 PM	[262] Scanning the Earth with solar neutrinos and DUNE	IOANNISYAN, Ara

Thursday, July 27, 2017

Neutrino Parallel: Neutrino 7 - FA055 and FA056 (1:00 PM - 3:00 PM)

-Conveners: **Thierry Lasserre**

time	[id] title	presenter
1:00 PM	[110] Latest Results from Double Chooz	SHARANKOVA, Ralitsa
1:15 PM	[157] New Results from RENO	SEO, Seon-Hee
1:30 PM	[141] Recent results of Daya Bay Reactor Neutrino Experiment	LU, Haoqi
1:45 PM	[140] PROSPECT: The Precision Reactor Oscillation and Spectrum Experiment	Dr HEEGER, Karsten
2:00 PM	[40] Status of JUNO	Dr WANG, Zhimin
2:15 PM	[32] Neutrino geoscience and reactor monitoring with direction-sensitive detectors	LEYTON, Michael
2:30 PM	[218] Crustal geoneutrino signal expected at SNO+	Dr BALDONCINI, Marica
2:45 PM	[11] Non-Standard Interactions: oscillation versus scattering data	COLOMA, Pilar

Neutrino Parallel: Neutrino 8 - FA055 and FA056 (3:30 PM - 5:30 PM)

-Conveners: **Jeanne Wilson-Hawke**

time	[id] title	presenter
3:30 PM	[107] The SoLid experiment: Search for sterile neutrinos at the SCK•CEN BR2 reactor	MANZANILLAS, Luis
3:45 PM	[41] Search for light sterile neutrinos with the CeSOX experiment	Mr LASSERRE, Thierry
4:00 PM	[106] Status of the DANSS project: in pursuit of a light sterile neutrino	Dr SHITOV, Yury
4:15 PM	[152] Search for eV Sterile Neutrinos – The Stereo Experiment	SCHOPPMANN, Stefan
4:30 PM	[102] Secret interactions for sterile neutrinos and cosmological implications	Dr SAVIANO, Ninetta
4:45 PM	[183] The sterile neutrino: a combined view of cosmological limits with oscillation searches	ELVIN-POOLE, Jack
5:00 PM	[47] Updates on atmospheric neutrino and proton decay results in Super-Kamiokande	Dr OKUMURA, Kimihiro
5:15 PM	[70] Measuring the neutrino mass hierarchy with KM3NeT/ORCA	HOFESTÄDT, Jannik