

ICHEP 2020

Wednesday, July 29, 2020

Neutrino Physics - Posters: Block I (1:30 PM - 3:00 PM)

-Conveners: Jaroslav Zalesak

time	[id] title	presenter
1:30 PM	[109] Collective neutrino oscillations accounting for neutrino quantum decoherence	STANKEVICH, Konstantin
1:33 PM	[212] $0\nu\beta\beta$ in left-right theories with Higgs doublets and gauge coupling unification	MAJUMDAR, Chayan
1:36 PM	[213] A comparative study of $0\nu\beta\beta$ decay in symmetric and asymmetric left-right model	SENAPATI, Supriya
1:39 PM	[304] Electromagnetic neutrino interactions in elastic neutrino-proton scattering	LAZAREV, Fedor
1:42 PM	[310] Phenomenological study of keV scale sterile neutrino dark matter with S_4 flavor symmetry	Ms GAUTAM, Nayana
1:45 PM	[325] Neutrino spin-flavour and collective oscillations in supernovae	LI, Yufeng
1:48 PM	[328] Neutrino oscillations in a magnetic field: the three-flavor case	LICHKUNOV, Alexey
1:51 PM	[337] Astrophysical neutrino oscillation accounting for neutrino charge radii	STANKEVICH, Konstantin
1:54 PM	[553] Baryogenesis, thermal and non-thermal production of dark matter within the IHDM desert in Scotogenic model	Ms SARMA, Lavina

Thursday, July 30, 2020

Neutrino Physics - Posters: Block II (1:30 PM - 3:00 PM)

-Conveners: Renato Fonseca

time	[id] title	presenter
1:30 PM	[530] Purity monitoring for ProtoDUNE	DIURBA, Richard
1:33 PM	[531] Movable Thermometer System in ProtoDUNE	DHARMAPALAN, Ranjan
1:36 PM	[432] Improved Limits on Sterile Neutrino Mixing from a Joint Search of the MINOS, MINOS+, Daya Bay, and Bugey-3 Experiments	Mr HU, Zhuojun
1:39 PM	[765] Daya Bay neutrino oscillation results based on neutron captured on hydrogen	LI, Jinjing
1:42 PM	[900] Study of Reactor Fuel Evolution and Decomposition of Isotope Contributions	Prof. WANG, Wei
1:45 PM	[750] Reactor Antineutrino Flux and Spectrum Measurement at Daya Bay and Precise Determination of Its High Energy Component	YANG, Yuzi
1:48 PM	[421] Energy and vertex reconstruction in JUNO	HUANG, GuiHong
1:51 PM	[538] Status of the Veto System of JUNO	ATHAYDE MARCONDES DE ANDRE, Joao Pedro
1:54 PM	[840] The 3-inch Photomultiplier System of the JUNO Experiment	Dr JOLLET, Cecile

Friday, July 31, 2020

Neutrino Physics - Posters: Block III (1:30 PM - 3:00 PM)

-Conveners: Jaroslav Zalesak

time	[id] title	presenter
1:30 PM	[165] Searches for Non-Standard Interactions (NSI) of Neutrinos using the NOvA Experiment	SINGH, Prabhjot
1:33 PM	[217] Systematic Uncertainties of the NOvA Neutrino Oscillation Analysis	NOSEK, Tomas
1:36 PM	[652] CPT violation sensitivity of NoVA, T2K and INO experiments using ν and $\bar{\nu}$ oscillation parameters	Dr KAUR, Daljeet
1:39 PM	[238] Updates on the ESSnuSB Target Station potentialities for CP violation discovery	THOMAS, Julie
1:42 PM	[720] Revealing new processes with superfluid liquid helium detectors: The coherent elastic neutrino-atom scattering	Mr PICCIAU, Emmanuele
1:45 PM	[725] Searching for Sterile Neutrino Oscillations with the PROSPECT Experiment	LITTLEJOHN, Bryce
1:48 PM	[726] Neutron beam test with 3D-projection scintillator tracker prototypes for long-baseline neutrino oscillation experiments	YANG, Guang
1:51 PM	[1046] Calibration status of the SuperNEMO calorimeter	HOBALLAH, Malak

Neutrino Physics - Posters: Block IV (1:30 PM - 3:00 PM)

-Conveners: Renato Fonseca

time	[id] title	presenter
1:30 PM	[745] Neutron Background Simulations for LEGEND-1000 in a Geant4-based Framework	Mr BARTON, Clay
1:33 PM	[797] Determining cosmic and atmospheric background with (stopping) muons in the SoLid experiment	Mr VANDIERENDONCK, Giel
1:36 PM	[987] Sensitivity to leptonic δ_{CP} and θ_{12} with low energy atmospheric neutrinos	Dr S. MOHAN, Lakshmi
1:39 PM	[993] Production of ^{83}Rb for calibration sources for dark matter and neutrino mass experiments	SEFCIK, M.
1:42 PM	[1057] Antineutrinos from the Sun and sterile neutrino decays	HOSTERT, Matheus
1:45 PM	[1054] Fast Neutrino Flavor Conversion at Late Time	BHATTACHARYYA, Soumya