Poster Session I-b@Dirac

May 31, 06:00-07:30 KST / May 30, 23:00-24:30 EU / May 30, 16:00-17:30 CDT, US

[ZEP Location Number]

Example) DT01-023 -> Dirac Building, Track #, Poster #

Full Name	POSTER NO.	ZEP No.	Floor	Topic	Poster Title
Manoj Kumar Singh	P0033	DT04-033	4F	Neutrinoless Double Beta Decay	$0\nu\beta^{-}\beta^{-}$ Sensitivity as a Function of Background and Exposure
Nicholas Benoit	P0035	DT03-035	4F	Neutrino Mass	Evolution of Lepton Number for Neutrinos
Aobo Li	P0048	DT04-048	2F	Neutrinoless Double Beta Decay	KamNet: An Integrated Spatiotemporal Deep Neural Network for Rare Event Search in KamLAND-Zen
Yoshiyuki Fukuda	P0050	DT04-050	4F	Neutrinoless Double Beta Decay	Demonstration of Tl-208 background reduction for ZICOS experiment using topological information of Cherenkov lights
Leslie Rogers	P0055	DT04-055	2F	Neutrinoless Double Beta Decay	NEXT-CRAB: A High Pressure Xenon Gas Time Projection Chamber with Camera Readout for Neutrinoless Double Beta Decay Searches
Yuta Hyodo	P0064	DT03-064	4F	Neutrino Mass	New magic textures of Majorana neutrinos
Adam Redwine	P0066	DT04-066	4F	Neutrinoless Double Beta Decay	Advances in topological studies in NEXT-White and beyond
Peter Meyers	P0084	DT14-084	2F	Sterile Neutrinos	HUNTER: Heavy Unseen Neutrinos from Total Energy Reconstruction
Chiara Capelli	P0091	DT04-091	2F	Neutrinoless Double Beta Decay	Pileup rejection studies for the CUPID experiment
Mitesh Behera	P0110	DT03-110	4F	Neutrino Mass	Linear seesaw in A'_5 modular symmetry with leptogenesis
Evan Angelico	P0112	DT04-112	3F	Neutrinoless Double Beta Decay	Performance of a liquid-xenon submerged amplifier and digitizer for charge readout in nEXO
Razu Mohiuddin	P0116	DT03-116	4F	Neutrino Mass	Machine Learning Based Event Reconstruction for Cyclotron Radiation Emission Spectroscopy in Project 8
Camilo Cortés Parra	P0122	DT03-122	4F	Neutrino Mass	Lepton masses in a non universal U(1) model with three families
Papia Panda	P0125	DT03-125	4F	Neutrino Mass	Neutrino phenomenology, muon and electron (g-2) under U(1) gauged symmetries in an extended inverse seesaw model
Yuduo Guan	P0174	DT04-174	4F	Neutrinoless Double Beta Decay	Characterization of silicon photomultiplier for nEXO
Silvia Scorza	P0176	DT04-176	3F	Neutrinoless Double Beta Decay	Radiopurity.org: a Community Material Assay Database
Jorge Torres	P0204	DT04-204	3F	Neutrinoless Double Beta Decay	Mitigation of cosmogenic muon-induced backgrounds for the CUPID experiment.
Yasheng Fu	P0225	DT04-225	4F	Neutrinoless Double Beta Decay	Search for $2\nu\beta\beta$ decay of 136Xe to the 01+ excited state of 136Ba with the complete EXO-200 dataset
Andrew Ziegler	P0235	DT03-235	4F	Neutrino Mass	Phased Array Signal Reconstruction Algorithms for Free-Space CRES Neutrino Mass Measurement
Marjon Moulai	P0250	DT14-250	2F	Sterile Neutrinos	Search for Light Unstable Sterile Neutrinos in IceCube
Priya Mishra	P0289	DT03-289	4F	Neutrino Mass	Type-III seesaw under A4 modular symmetry
Erin Hansen	P0291	DT04-291	3F	Neutrinoless Double Beta Decay	CUPID, CUPID-1T and the DEMETER Demonstrator
Vivek Sharma	P0292	DT04-292	3F	Neutrinoless Double Beta Decay	Search for Invisible Tri-nucleon decay in 130Te with CUORE
Hasung Song	P0296	DT04-296	3F	Neutrinoless Double Beta Decay	Background Rejection in KamLAND-ZEN 800 with KamNet and Systematics
Jason Bane	P0298	DT04-298	3F	Neutrinoless Double Beta Decay	Photo-induced Charge and Light Calibration for nEXO.
Guillermo Gambini	P0302	DT14-302	2F	Sterile Neutrinos	MeV-GeV Heavy Neutral Leptons interacting with a singlet scalar
Soamasina Herilala Razafinime	P0311	DT14-311	2F	Sterile Neutrinos	Studies of tau neutrino appearance at the DUNE Near Detector complex
Alfonso Andres Garcia Soto	P0342	DT14-342	2F	Sterile Neutrinos	Improved eV-scale Sterile Neutrino Searches with IceCube
Avinay Bhat	P0343	DT04-343	3F	Neutrinoless Double Beta Decay	System Integration and Stability Testing of SiPMs for nEXO
Sierra Wilde	P0358	DT04-358	3F	Neutrinoless Double Beta Decay	Light Simulation and Reconstruction in nEXO

Clint Wiseman	P0360	DT14-360	2F	Sterile Neutrinos	New limits on the sterile neutrino transition magnetic moment from the Majorana Demonstrator
Bungo Sugashima	P0365	DT04-365	4F	Neutrinoless Double Beta Decay	AXEL Xenon gas TPC for neutrinoless double beta search: prototype performance and status of 1,000L detector construction
Vivek Singh	P0368	DT04-368	3F	Neutrinoless Double Beta Decay	Optical photon detectors for CUPID using Transition-Edge Sensors
Bradford Welliver	P0369	DT04-369	3F	Neutrinoless Double Beta Decay	Final Results on the 0νββ decay half-life limit in ^{100}Mo using the full exposure of CUPID-Mo
Krishan Mistry	P0374	DT04-374	3F	Neutrinoless Double Beta Decay	The NEXT-100 time projection chamber and electroluminescent region
Wootae Kim	P0377	DT04-377	4F	Neutrinoless Double Beta Decay	Detector R&D for AMoRE-II experiment
Jeewon Seo	P0385	DT04-385	4F	Neutrinoless Double Beta Decay	Radioassay and simulation for AMoRE-II experiment
Juliana Stachurska	P0391	DT03-391	4F	Neutrino Mass	Resonant Cavities for the Project 8 Neutrino Mass Experiment
Yi-Hsuan Lin	P0393	DT04-393	3F	Neutrinoless Double Beta Decay	SNO+ Calibration in Scintillator Phase
Benjamin Smithers	P0394	DT14-394	2F	Sterile Neutrinos	A High-Energy Sterile Neutrino Search in IceCube with Cascades
Rushabh Gala	P0397	DT04-397	3F	Neutrinoless Double Beta Decay	Preliminary Background Model for LEGEND-1000
Hyejin Lee	P0398	DT04-398	4F	Neutrinoless Double Beta Decay	Detector sensors and modules for AMoRE-II experiments
Christine Claessens	P0420	DT03-420	4F	Neutrino Mass	Tritium endpoint measurement and neutrino mass limit of Project 8 Phase II
Ethan Blalock	P0421	DT04-421	3F	Neutrinoless Double Beta Decay	Background Modeling for the MAJORANA DEMONSTRATOR
Robert Collister	P0505	DT04-505	3F	Neutrinoless Double Beta Decay	A Capillary Probe for Ion Extraction from Liquid Xenon
Justin Mueller	P0508	DT14-508	2F	Sterile Neutrinos	First Studies of ICARUS Cosmic/Neutrino Data
Xu Li	P0548	DT03-548	4F	Neutrino Mass	Origin of Neutrino Masses on the Convex Cone of Positivity Bounds
Jaison Lee	P0560	DT04-560	4F	Neutrinoless Double Beta Decay	AMoRE-II Construction
Regan Ross	P0581	DT04-581	3F	Neutrinoless Double Beta Decay	Status of the nEXO Outer Detector Design
V Hewes	P0591	DT14-591	2F	Sterile Neutrinos	Two-Detector Search for 3+1 Active-to-Sterile Neutrino Oscillations in NOvA
Benjamin Schmidt	P0602	DT04-602	3F	Neutrinoless Double Beta Decay	First measurement of double beta decays to excited states in the CUPID-Mo experiment
Brian Mong	P0611	DT04-611	3F	Neutrinoless Double Beta Decay	Improving nEXO Sensitivity with Radon Distillation
Ivan Martinez Soler	P0617	DT14-617	2F	Sterile Neutrinos	MicroBooNE and the electron-neutrino Interpretation of the MiniBooNE Low-Energy Excess
Biswaranjan Behera	P0622	DT14-622	2F	Sterile Neutrinos	Cosmogenic Background Rejection at the ICARUS
Xin Wang	P0626	DT03-626	4F	Neutrino Mass	Accidental symmetries in the scalar potential of the Standard Model extended with two Higgs triplets
Pranava Teja Surukuchi	P0664	DT03-664	4F	Neutrino Mass	Physics Opportunities Beyond the Neutrino Mass Measurement with Project 8
Nicholas Kamp	P0665	DT14-665	2F	Sterile Neutrinos	Sterile Neutrino and Dipole Portal Explanations of the MiniBooNE Excess
Arina Telles	P0666	DT03-666	4F	Neutrino Mass	Antenna Development for the Project 8 Neutrino Mass Experiment
Glenn Richardson	P0677	DT04-677	3F	Neutrinoless Double Beta Decay	Charge Reconstruction and Simulation in the nEXO Experiment
Geon-Bo Kim	P0678	DT14-678	2F	Sterile Neutrinos	The BeEST Experiment: Searching for keV Sterile Neutrinos in the ^{7}Be Electron Capture Decay
Saneli Alcides Carbajal Vigo	P0679	DT14-679	2F	Sterile Neutrinos	Imposing limits on heavy neutral leptons from the suppression of neutrino CC events at the DUNE Near Detector
Clarke Hardy	P0680	DT04-680	3F	Neutrinoless Double Beta Decay	Charge and light calibrations for nEXO using internal sources
Zhenghao Fu	P0688	DT04-688	3F	Neutrinoless Double Beta Decay	Search for 0νββ Decay in Inverted-Order Region with KamLAND-Zen by Bayesian Method

Daniel Winklehner	P0689	DT14-689	2F	Sterile Neutrinos	IsoDAR@Yemilab – A definitive search for exotic neutrinos and other BSM physics
Karen Navarro	P0693	DT04-693	3F	Neutrinoless Double Beta Decay	Progress towards single barium ion capture and imaging in high pressure xenon gas: a prototype barium tagging sensor for NEXT neutrinoless double beta decay searches
Enrique Arrieta-Diaz	P0701	DT03-701	4F	Neutrino Mass	THE ORIGIN OF THE MASS OF THE NEUTRINOS
Katie Mason	P0719	DT14-719	2F	Sterile Neutrinos	Search for a 3+1 Sterile Neutrino with the MicroBooNE Experiment Using Deep-Learning-Based Reconstruction
Joshua Mills	P0720	DT14-720	2F	Sterile neutrinos	A Search for Sterile-Neutrino-Based Muon Neutrino Disappearance using the MicroBooNE Deep Learning Analysis
Ibles Olcina	P0733	DT04-733	3F	Neutrinoless Double Beta Decay	Sensitivity to neutrinoless double beta decay of Xe-136 with a third generation TPC dark matter experiment
Ivan Caro Terrazas	P0735	DT14-735	2F	Sterile Neutrinos	Results of the search for an anomalous excess of charged-current electron neutrino interactions without pions in the final state with the MicroBooNE detector
Tupendra Oli	P0752	DT04-752	3F	Neutrinoless Double Beta Decay	The Analysis and New Results from the Full Dataset of the Majorana Demonstrator
Xiangpan Ji	P0753	DT14-753	2F	Sterile Neutrinos	Search for a sterile neutrino at MicroBooNE using BNB and NuMI beams
John Hardin	P0754	DT14-754	2F	Sterile Neutrinos	Current Progress on Sterile Neutrino Global Fits in 2022
HAN BEOM KIM	P0774	DT04-774	4F	Neutrinoless Double Beta Decay	AMoRE-I Data Analysis
David Gallacher	P0781	DT04-781	3F	Neutrinoless Double Beta Decay	LoLX: Light-only Liquid Xenon experiment for R&D studies towards next-generation neutrino-less double beta decay experiments