

Poster Session III-b@Majorana

June 2, 06:00-07:30 KST / June 1, 23:00-24:30 EU / June 1, 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
Linyan WAN	P0046	MT09-046	2F	Atmospheric Neutrinos	Boosted Dark Matter Search with Hadrons at Super-Kamiokande
Zepeng Li	P0056	MT16-056	3F	New Neutrino Technologies	Development of the NUXE Experiment for Reactor Neutrino Detection via CEvNS with Liquid Xenon
Max Smiley	P0060	MT10-060	3F	Solar Neutrinos	Measurement of the ^8B Solar Neutrino Flux in the Partial Fill Phase of the SNO+ Experiment
Shuo-yu Xia	P0071	MT10-071	3F	Solar Neutrinos	Constraining Light Mediators via Detection of Coherent Elastic Solar Neutrino Nucleus Scattering
Keegan Walkup	P0090	MT16-090	3F	New Neutrino Technologies	Upgrades to MiniCHANDLER, a Mobile Surface-Level Reactor Antineutrino Detector
Tanner Kaptanoglu	P0093	MT16-093	3F	New Neutrino Technologies	Eos: an integrated testbed for hybrid neutrino detection technology
Alejandro Yankelevich	P0097	MT10-097	3F	Solar Neutrinos	Machine Learning Methods for Solar Neutrino Classification
Stefano Roberto Soleti	P0101	MT16-101	3F	New Neutrino Technologies	Demonstration of novel, ton-scale, single-phase LArTPCs with pixelated readout
Jie Cheng	P0113	MT11-113	3F	Diffuse Supernova Neutrino Background	Prospects for Detecting the Diffuse Supernova Neutrino Background in JUNO
Xiaojie Luo	P0123	MT11-123	3F	Diffuse Supernova Neutrino Background	Pulse Shape Discrimination for Diffuse Supernova Neutrino Background Search at JUNO
Pooi Seong Chong	P0160	MT16-160	3F	New Neutrino Technologies	Total Neutron Cross Section Measurement on C-H using 3D Projection Scintillator Tracker Prototype
Nilay Bostan	P0193	MT07-193	2F	Accelerator Neutrinos	Application of hadron production data to Fermilab neutrino beam simulations
Andrew Mastbaum	P0200	MT16-200	3F	New Neutrino Technologies	Theia: An advanced optical detector concept
Teng Li	P0205	MT09-205	2F	Atmospheric Neutrinos	A machine learning method for the reconstruction of atmospheric neutrino's directionality in the JUNO Central Detector
Xinran Li	P0223	MT16-223	3F	New Neutrino Technologies	The Selena Neutrino Experiment
Bernadette Cogswell	P0226	MT16-226	3F	New Neutrino Technologies	Passive low-energy optical color center nuclear recoil (PALEOCCENE) detection
Min Li	P0237	MT09-237	2F	Atmospheric Neutrinos	Atmospheric neutrino neutral current background at JUNO: from reactor neutrinos to diffuse supernova neutrino background
Navaneeth Poonthottathil	P0266	MT07-266	2F	Accelerator Neutrinos	Status of the Accelerator Neutrino Neutron Interaction Experiment (ANNIE)
Andrea Scarpelli	P0284	MT07-284	2F	Accelerator Neutrinos	Design, commissioning, and preliminary results of the trigger system for the ICARUS experiment
Samuel Naugle	P0294	MT16-294	3F	New Neutrino Technologies	The Dichroicon: a Spectral Photon Sorter
Pierce Weatherly	P0307	MT07-307	2F	Accelerator Neutrinos	LBNF Neutrino Beam Focusing Uncertainties on DUNE and DUNE-PRISM Neutrino Fluxes
Lane Kashur	P0312	MT16-312	3F	New Neutrino Technologies	Calibration of Pixelated Liquid Argon Time Projection Chambers
Aleena Rafique	P0321	MT16-321	3F	New Neutrino Technologies	Identification and reconstruction of low-energy electrons in the ProtoDUNE-SP detector
Austin Mullen	P0322	MT16-322	3F	New Neutrino Technologies	Prospects for Improving Light Collection in Large-Volume Water-Cherenkov Antineutrino Detectors with Wavelength Shifting Plates
Hien Van	P0325	MT10-325	3F	Solar Neutrinos	TAKING NEUTRINO PICTURES VIA ELECTRONS
Anna Heggestuen	P0340	MT07-340	2F	Accelerator Neutrinos	Data analysis in the ICARUS (SBN FD) Cosmic Ray Tagging system
Maximilian Hughes	P0349	MT16-349	3F	New Neutrino Technologies	Update on the Development of the COH-Ar-750 Detector
Antoni Aduszkiewicz	P0363	MT07-363	2F	Accelerator Neutrinos	Understanding the NuMI Neutrino Flux at ICARUS
Seungho Han	P0370	MT09-370	2F	Atmospheric Neutrinos	Neutron signals from atmospheric neutrino interactions in SK-Gd
Samuel Hedges	P0378	MT07-378	2F	Accelerator Neutrinos	Results from COHERENT's Neutrino-Induced Neutron Detectors
Hiroshi Ito	P0380	MT10-380	3F	Solar Neutrinos	Solar anti-neutrino search in SK/SK-Gd

Diana Parno	P0395	MT07-395	2F	Accelerator Neutrinos	Neutrino-flux model for COHERENT
Yongpeng Zhang	P0405	MT09-405	2F	Atmospheric Neutrinos	Particle identification methodology of atmospheric neutrinos in JUNO
Yiyang Wu	P0413	MT10-413	3F	Solar Neutrinos	Background measurements at Jingping Neutrino 1-t prototype
Tarak Thakore	P0416	MT09-416	2F	Atmospheric Neutrinos	Sensitivity study to Neutrino Mass Ordering and sterile neutrino model parameters with atmospheric neutrinos measurements at DUNE
Stephen Greenberg	P0419	MT16-419	4F	New Neutrino Technologies	LArPix ASIC for Low Power, 3D-Pixelated Charge Readout in LArTPCs
Garrett Wendel	P0443	MT16-443	4F	New Neutrino Technologies	Machine Learning Based Reconstruction of Antineutrinos in Hybrid Neutrino Detectors
Bin ZHANG	P0478	MT10-478	3F	Solar Neutrinos	Muon flux and muon-induced neutron yield measurement at China Jinping underground laboratory
Hongyue Duyang	P0486	MT09-486	2F	Atmospheric Neutrinos	A Machine Learning Reconstruction Method for Atmospheric Neutrino's Interaction Vertex and Muon Range in the JUNO Detector
Baobiao Yue	P0504	MT10-504	3F	Solar Neutrinos	Model independent measurement of ^8B solar neutrinos in JUNO
Yuyi Wang	P0506	MT16-506	4F	New Neutrino Technologies	Bayesian method for waveform analysis with GPU acceleration
Leire Larizgoitia	P0520	MT16-520	4F	New Neutrino Technologies	GanESS, a new opportunity for CEvNS
Yaoguang Wang	P0551	MT16-551	4F	New Neutrino Technologies	A New Optical Model for the 20-inch PMTs of JUNO
Seiya Sakai	P0579	MT11-579	3F	Diffuse Supernova Neutrino Background	The performance evaluation of Geant4-based simulation in SK-Gd experiment
Thiru Senthil R	P0585	MT09-585	2F	Atmospheric Neutrinos	Tau Neutrino Studies at the ICAL detector in INO
Guihong Huang	P0607	MT16-607	4F	New Neutrino Technologies	Vertex and Energy Reconstruction in JUNO with Traditional Methods
Adryanna Major	P0614	MT16-614	4F	New Neutrino Technologies	Deployment of COHERENT multi-tonne NaI(Tl) detector (NaIVeTe)
Stefan Schoppmann	P0616	MT16-616	4F	New Neutrino Technologies	Characterization of novel scintillators for neutrino physics
Eric Marzec	P0620	MT07-620	2F	Accelerator Neutrinos	An ATCA based DAQ system for the JSNS ² experiment
Yuga Ommura	P0629	MT16-629	4F	New Neutrino Technologies	A quenching factor measurement for BGO scintillators
Nepomuk Otte	P0631	MT16-631	4F	New Neutrino Technologies	The Trinity UHE Neutrino Observatory
Ran Chen	P0632	MT16-632	4F	New Neutrino Technologies	Modeling for and Initial Results from TES based Modular CEvNS detectors for the Ricochet Experiment
Christopher Jackson	P0635	MT16-635	4F	New Neutrino Technologies	Low Background kTon-Scale Liquid Argon Time Projection Chambers
William Woodley	P0645	MT09-645	2F	Atmospheric Neutrinos	MUTE: A Modern Calculation for Deep Underground and Underwater Muons
Yongbo Huang	P0652	MT16-652	4F	New Neutrino Technologies	Instrumentation and acceptance test of 3-inch PMTs for JUNO
Tomohiro Tano	P0661	MT11-661	3F	Diffuse Supernova Neutrino Background	Measurement of neutron-oxygen interaction cross section using neutron beam
Keng Lin	P0667	MT07-667	2F	Accelerator Neutrinos	Event Selection Tools Targeting Single-Photon Events in The Short-Baseline Near Detector
Roberto Mandujano	P0670	MT16-670	4F	New Neutrino Technologies	DUNE ND-LAr: Design and Status
Viacheslav Li	P0671	MT16-671	4F	New Neutrino Technologies	Scalability of gadolinium-doped-water Cherenkov detectors for nuclear nonproliferation
Edward Callaghan	P0690	MT16-690	4F	New Neutrino Technologies	Light Yield and Time Profile Measurements of Water-based Liquid Scintillator
Daniel Winklehner	P0695	MT16-695	4F	New Neutrino Technologies	A New Family of Cyclotrons for Particle Physics, Medical Physics, and Other Applications
Wouter Van De Pontseele	P0698	MT16-698	4F	New Neutrino Technologies	Quantum-based amplification and multiplexing for the Project 8 and Ricochet experiments
Venkatesh Veeraraghavan	P0699	MT16-699	4F	New Neutrino Technologies	Timing Characterization of LAPPDs in ANNIE Using Laser Calibration
Conan Bock	P0718	MT16-718	4F	New Neutrino Technologies	Monte Carlo simulation of a dedicated neutron detector for the COHERENT experiment at the SNS, ORNL
Erin Yandel	P0722	MT07-722	2F	Accelerator Neutrinos	An Inclusive Single Photon Analysis in MicroBooNE
Miaochen Jin	P0726	MT16-726	4F	New Neutrino Technologies	Accelerating IceCube Neutrino Event Reconstruction on Tensor Processing Units
Dante Totani	P0727	MT16-727	4F	New Neutrino Technologies	Demonstration of <2 ns timing resolution for neutrino interaction in the MicroBooNE detector
Guang Yang	P0729	MT16-729	4F	New Neutrino Technologies	Discrimination of GeV neutrino interactions in WbLS
Dalton Myers	P0731	MT07-731	2F	Accelerator Neutrinos	The NOvA Test Beam Experiment

Lee Hagaman	P0764	MT07-764	2F	Accelerator Neutrinos	Progress Towards An Investigation Of The MiniBooNE Low Energy Excess Using Neutral-Current Delta-Like Single Photons In MicroBooNE With Wire-Cell 3D Reconstruction Algorithms
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