

Poster Session II-b@Dirac

June 1, 06:00-07:30 KST / May 31, 23:00-24:30 EU / May 31, 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
Julia Book	P0047	DT15-047	5F	BSM Searches in Neutrinos	Icecube-DeepCore Sensitivity to Heavy Neutral Leptons
Diyaselis Delgado	P0058	DT15-058	5F	BSM Searches in Neutrinos	Dark Matter decay to neutrinos
Eduardo Becerra-García	P0088	DT01-088	7F	Neutrino Oscillation	Are neutrino oscillation mixings linked to the smallness of solar neutrino scale?
Adam Aurisano	P0096	DT01-096	7F	Neutrino Oscillation	Tau Neutrino Physics at DUNE
Jessie Micallef	P0104	DT01-104	7F	Neutrino Oscillation	Fast Reconstruction Using Convolutional Neural Networks for Neutrino Oscillation on IceCube
Xiaobin Lu	P0106	DT06-106	6F	Reactor Neutrinos	External calibration scheme for PROSPECT-II
Aoi Eguchi	P0192	DT01-192	8F	Neutrino Oscillation	EM shower reconstruction and electron neutrino selection with the T2K SuperFGD detector
Manoa Andriamirado	P0194	DT06-194	6F	Reactor Neutrinos	Limits on sub-GeV dark matter from the PROSPECT reactor antineutrino experiment
Abraham Teklu	P0214	DT01-214	7F	Neutrino Oscillation	Neutron Beam Testing of 3D Projection Scintillator Tracker Prototypes
Andrea Mattera	P0238	DT06-238	6F	Reactor Neutrinos	Can improved isomeric yields help explain the bump in reactor antineutrino spectra?
Ivan Esteban	P0241	DT13-241	5F	Neutrinos and Cosmology	Gravitational CMB lensing illuminates neutrino interactions
Nicolo Foppiani	P0244	DT15-244	5F	BSM Searches in Neutrinos	Exploring the multi-dimensional space of dark neutrinos at the T2K near detector
Thomas Wester	P0251	DT01-251	7F	Neutrino Oscillation	Atmospheric Neutrino Oscillation Analysis with Super-Kamiokande
Olivia Dalager	P0261	DT01-261	7F	Neutrino Oscillation	Daya Bay Neutrino Oscillation Analysis Using Neutron Capture on Hydrogen
Anosh Irani	P0272	DT06-272	6F	Reactor Neutrinos	Reactor Antineutrino calculations with CONFLUX
Miranda Elkins	P0274	DT01-274	7F	Neutrino Oscillation	Data-Driven Methods to Quantify NOvA Far Detector Backgrounds
Abinash Medhi	P0276	DT15-276	5F	BSM Searches in Neutrinos	Imprints of scalar Non Standard Interactions at DUNE, T2HK, and T2HKK
Cristian Roca Catala	P0279	DT06-279	6F	Reactor Neutrinos	Towards the Final Spectrum Analysis of PROSPECT-I
Maria Manrique Plata	P0285	DT01-285	7F	Neutrino Oscillation	Measuring the π^0 invariant mass in NOvA using photon identification
Paige Kunkle	P0295	DT06-295	6F	Reactor Neutrinos	Absolute Reactor Antineutrino Flux Measurement with PROSPECT-I Data
Anna Hall	P0306	DT01-306	7F	Neutrino Oscillation	Data-Driven cross checks for electron (anti)neutrino selection efficiency in NOvA
Miriama Rajaoalisoa	P0310	DT01-310	7F	Neutrino Oscillation	Conditional PISCES method for the NOvA 3-flavor oscillation analysis
Alexander Shmakov	P0313	DT01-313	8F	Neutrino Oscillation	TransformerCVN: Convolution Transformers for NOvA Event and Particle Classification
Andrew Sutton	P0318	DT01-318	8F	Neutrino Oscillation	Latest Long-baseline 3-flavor Neutrino Oscillation Results from the NOvA Experiment
Arnab Sarker	P0326	DT01-326	7F	Neutrino Oscillation	Investigating the Impact of Quantum Decoherence on ν -Oscillation Probabilities
Maria Prado Rodriguez	P0327	DT01-327	8F	Neutrino Oscillation	Neutrino Mass Ordering with IceCube DeepCore
Dibya S. Chattopadhyay	P0328	DT01-328	7F	Neutrino Oscillation	Analytic treatment of neutrino propagation and decay in matter
Arnab Sarker	P0330	DT15-330	5F	BSM Searches in Neutrinos	Exploring the effects of Lorentz Invariance Violation in long baseline experiments
Pedro Dedin Neto	P0351	DT01-351	8F	Neutrino Oscillation	Open-Source Numerical Solver for Neutrino Collective Effects - The Case of an Isotropic Neutrino Gas
Diego Venegas Vargas	P0355	DT06-355	6F	Reactor Neutrinos	Improved Event Selection for Final PROSPECT-I Analysis: Data Splitting and Single Ended Event Reconstruction implementation
Felicia Sutanto	P0357	DT06-357	6F	Reactor Neutrinos	Correlated backgrounds for near-surface Inverse Beta Decay detectors

Benjamin Foust	P0359	DT06-359	6F	Reactor Neutrinos	Joint Measurement of the ^{235}U Antineutrino Spectrum by PROSPECT and STEREO
Inwook Kim	P0364	DT15-364	5F	BSM Searches in Neutrinos	Beyond-the-Standard-Model physics searches with LEGEND-1000
Shiqi Yu	P0366	DT01-366	8F	Neutrino Oscillation	Measurement of Atmospheric Muon Neutrino Disappearance using CNN Reconstructions with IceCube
Barbara Skrzypek	P0367	DT01-367	8F	Neutrino Oscillation	Lorentz Violation in Neutrino Oscillations using IceCube Atmospheric Neutrino Interferometry
Morgan Askins	P0379	DT15-379	5F	BSM Searches in Neutrinos	Search for Invisible Modes of Nucleon Decay with the SNO+ Extended Water Data
Micah Groh	P0384	DT01-384	8F	Neutrino Oscillation	Treatment of Systematic Uncertainties on the NOvA Experiment
Yuzi Yang	P0387	DT06-387	6F	Reactor Neutrinos	Evolution of Reactor Fuel at Daya Bay
Jose Carpio Dumler	P0402	DT15-402	5F	BSM Searches in Neutrinos	Time-delayed Neutrino Emission from Supernovae as a Probe of DarkMatter-Neutrino Interactions
Jeffrey Kleykamp	P0407	DT15-407	5F	BSM Searches in Neutrinos	Non-standard interactions at NOvA
Joshua Isaacson	P0411	DT15-411	5F	BSM Searches in Neutrinos	Achilles: Beyond Standard Model Processes
Si Hyun Jeon	P0414	DT15-414	5F	BSM Searches in Neutrinos	Search for heavy neutrinos and extra gauge bosons at the CMS
Steven Dazeley	P0422	DT06-422	6F	Reactor Neutrinos	ROADSTR: A Mobile Reactor Antineutrino Detector
Yu Zhang	P0427	DT06-427	6F	Reactor Neutrinos	Reconstruction of Clipping Muons in the Water of JUNO's Central Detector
Sudipta Das	P0429	DT15-429	5F	BSM Searches in Neutrinos	Constraints on Non-Unitary Neutrino Mixing from Next-generation Long-Baseline Experiments
Minjin Jeong	P0435	DT15-435	5F	BSM Searches in Neutrinos	Search for Dark Matter in Galaxy Clusters and Galaxies with IceCube
Tetsuo Shindou	P0439	DT15-439	5F	BSM Searches in Neutrinos	Lower bounds on lepton flavor violating branching ratios in a radiative seesaw model
Sabila Parveen	P0440	DT15-440	5F	BSM Searches in Neutrinos	Sterile sector impacting the correlations and degeneracies among mixing parameters at DUNE and the role of high energy beams.
Yiwen Xiao	P0467	DT01-467	8F	Neutrino Oscillation	Efficient Neutrino Oscillation Parameter Inference with Gaussian Process
Matheus Hostert	P0476	DT15-476	5F	BSM Searches in Neutrinos	DarkNews: A Monte Carlo Generator for New Physics in Neutrino Scattering
Félix Díaz Desposorio	P0489	DT01-489	8F	Neutrino Oscillation	Discovering the Majorana nature via neutrino oscillation at DUNE
Yiwen Xiao	P0495	DT01-495	8F	Neutrino Oscillation	Status of the Measurement of Neutrino-Electron Elastic Scattering in the NOvA Near Detector
Yang Han	P0516	DT06-516	6F	Reactor Neutrinos	Dual Calorimetry in the JUNO experiment
Paramita Deka	P0517	DT01-517	7F	Neutrino Oscillation	Impact of Effective Spectral function and Transverse Enhancement on Neutrino Oscillation Parameters in NOvA Experiment
Yiyu Zhang	P0522	DT15-522	5F	BSM Searches in Neutrinos	Probing light mediators through detection of coherent elastic neutrino nucleus scattering at COHERENT
Jihun Kim	P0526	DT15-526	5F	BSM Searches in Neutrinos	Search for isosinglet heavy neutrinos with the CMS Collaboration
Chuanya Cao	P0553	DT01-553	7F	Neutrino Oscillation	Precision Measurement of Neutrino Oscillation Parameters in JUNO
Youssef Sarkis	P0556	DT06-556	6F	Reactor Neutrinos	The CONNIE experiment: upgrade and latest results
Shashank Jayakumar	P0558	DT06-558	6F	Reactor Neutrinos	The PROSPECT Detector Upgrade
Miao Yu	P0561	DT06-561	6F	Reactor Neutrinos	Energy Response Model for Liquid Scintillator Detectors
Michael Reh	P0562	DT01-562	8F	Neutrino Oscillation	Estimation of Detector Systematic Uncertainties for Multi-Ring Events at the T2K Far Detector
Jinyu Kim	P0563	DT06-563	7F	Reactor Neutrinos	Studies on the response of NEOS-II Detector
Chinmay Bera	P0571	DT01-571	7F	Neutrino Oscillation	Exploring neutrino nature using a non-classical quantifier (NAQC)
SADASHIV SAHOO	P0577	DT15-577	6F	BSM Searches in Neutrinos	Discriminating between Lorentz violation and non-standard interactions using core-passing atmospheric neutrinos at INO-ICAL
Zelimir Djuric	P0580	DT01-580	8F	Neutrino Oscillation	Study of Charge and Light Correlation in Electron Beam Energy Response of DUNE prototype ProtoDUNE-SP LArTPC

Jeffrey Lazar	P0582	DT15-582	5F	BSM Searches in Neutrinos	Searching for Dark Matter from the Sun with IceCube
Wan-Lei Guo	P0586	DT15-586	5F	BSM Searches in Neutrinos	Exploring neutrinos from proton decays catalyzed by GUT monopoles in the Sun
Seok-Gyeong Yoon	P0599	DT06-599	7F	Reactor Neutrinos	Reactor antineutrino flux and spectrum at RENO
Masoom Singh	P0604	DT01-604	8F	Neutrino Oscillation	Can deviation from maximal Θ_{23} be resolved in DUNE?
Kayla Leonard DeHolton	P0606	DT01-606	8F	Neutrino Oscillation	Measuring the Atmospheric Neutrino Oscillation Parameters with IceCube DeepCore
Asli Abdullahi	P0615	DT15-615	5F	BSM Searches in Neutrinos	Exotic $e+e^-$ Production at MicroBooNE
Ritam Kundu	P0628	DT01-628	7F	Neutrino Oscillation	Precision in Atmospheric Oscillation Parameters and Octant Resolution of ϑ_{23} through DUNE's eye
Insoo Lee	P0630	DT06-630	7F	Reactor Neutrinos	Status of the phase-2 upgrade of the NEON experiment
Mike Wallbank	P0641	DT15-641	5F	BSM Searches in Neutrinos	Probing Sterile Neutrino Mixing with DUNE
Steven Calvez	P0642	DT01-642	8F	Neutrino Oscillation	The Profiled Feldman-Cousins method for confidence interval estimation in the presence of nuisance parameters
Anne Norrick	P0646	DT01-646	8F	Neutrino Oscillation	Analysis of Pions, Protons, and Electrons Response in the NOvA Test Beam
Anil Kumar	P0657	DT15-657	6F	BSM Searches in Neutrinos	A New Approach to Probe Non-Standard Interactions in Atmospheric Neutrino Experiments
Peter Cameron	P0662	DT01-662	8F	Neutrino Oscillation	Massless Neutrino Oscillation in the Geometric Representation of Clifford Algebra
Runze Zhao	P0668	DT06-668	7F	Reactor Neutrinos	A New Method to Measure the High-energy Reactor Antineutrinos at Daya Bay
Sang Yong KIM	P0704	DT01-704	7F	Neutrino Oscillation	Measurement of the smallest neutrino mixing angle using reactor antineutrino events with neutron capture on hydrogen at RENO
Michael Foxe	P0706	DT06-706	7F	Reactor Neutrinos	Nu Tools: Exploring Practical Roles for Neutrinos in Nuclear Energy and Security
Junjie Xia	P0743	DT01-743	7F	Neutrino Oscillation	Sensitivity studies for the joint analysis of SK atmospheric and T2K accelerator neutrino oscillations
Lukas Berns	P0744	DT01-744	8F	Neutrino Oscillation	Atmospheric oscillation probability calculation for the SK+T2K joint oscillation analysis
Stefan Sandner	P0755	DT13-916	5F	Neutrinos and Cosmology	Bounds on Right Handed Neutrino Parameters from Observable Leptogenesis
Eric Deck	P0760	DT01-760	8F	Neutrino Oscillation	Ionization Laser Calibration for the DUNE Time Projection Chamber
Yeon-jae Jwa	P0770	DT15-770	6F	BSM Searches in Neutrinos	A search for argon-bound neutron-antineutron oscillation with the MicroBooNE LArTPC
Grant Parker	P0777	DT15-777	6F	BSM Searches in Neutrinos	Leading NSI constraints from 8 years of IceCube TeV-scale atmospheric data
Zhiyuan Chen	P0786	DT01-786	8F	Neutrino Oscillation	Precise Measurement of Reactor Antineutrino Oscillation with full dataset at Daya Bay
Byungju Park	P0789	DT06-789	7F	Reactor Neutrinos	Status of Neutrino Elastic-scattering Observation with NaI(Tl) experiment (NEON)