

Poster Session II-a@Dirac

May 31, 15:00-16:30 KST / May 31, 08:00-09:30 EU / May 31, 01:00-02:30 CDT, US

[ZEP Location Number]

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

Full Name	POSTER NO.	ZEP No.	Floor	Topic	Poster Title
Deepak Raikwal	P0036	DT01-036	7F	Neutrino Oscillation	Determining Neutrino Mass Ordering with INO, JUNO and T2HK
Joao Pqulo Pinheiro	P0045	DT15-045	5F	BSM Searches in Neutrinos	Constraining new physics in the light pf Borexino phase II data
Till Dieminger	P0051	DT02-051	8F	Leptonic CP Violation	The Impact of nuclear effect modeling on the cross-section ratio ν_e/ν_μ and its impact for future measurements of CP violation
Bowen Fu	P0054	DT13-054	5F	Neutrinos and Cosmology	Neutrino mass and the early universe
Yuhang Guo	P0062	DT15-062	5F	BSM Searches in Neutrinos	Simulation Study of Proton Decay in JUNO
Jinhao Huang	P0067	DT06-067	6F	Reactor Neutrinos	Joint Spectral Determination of Reactor Antineutrinos from U235 and Pu239 Fission by the Daya Bay and PROSPECT Experiments
Chiara Poirè	P0068	DT15-068	5F	BSM Searches in Neutrinos	Limits for Dark Matter annihilation in the Sun with ANTARES neutrino telescope
Jacob Lamblin	P0069	DT15-069	5F	BSM Searches in Neutrinos	Searching for Hidden Neutrons with the STEREO experiment
Ruhui Li	P0070	DT06-070	6F	Reactor Neutrinos	Status of JUNO Taishan Antineutrino Observatory
Víctor Carretero	P0074	DT15-074	5F	BSM Searches in Neutrinos	Probing neutrino invisible decay with KM3NeT/ORCA6.
Emanuelle Pinsard	P0079	DT15-079	5F	BSM Searches in Neutrinos	Prospects for a flavour violating Z' explanation of $\Delta a_{\mu,e}$
Jaime Hoefken Zink	P0080	DT15-080	5F	BSM Searches in Neutrinos	Neutrino upscattering to heavy neutral leptons (HNLs) as an explanation of the MiniBooNE low-energy excess (LEE)
Igor Alekseev	P0085	DT06-085	6F	Reactor Neutrinos	DANSS detector of reactor antineutrinos upgrade
João Pedro Athayde Marcondes De André	P0089	DT06-089	6F	Reactor Neutrinos	Progress of the Top Tracker of the JUNO Experiment
Bhavna Yadav	P0092	DT15-092	5F	BSM Searches in Neutrinos	NSI effects on non-local correlations in neutrino oscillations
Sreerupa Chongdar	P0094	DT13-094	5F	Neutrinos and Cosmology	Flavoured Leptogenesis in a Minimal Type-I+II Seesaw Mechanism
Tom Stuttard	P0095	DT01-095	7F	Neutrino Oscillation	Tau neutrino appearance with IceCube-DeepCore
Alessandro Granelli	P0099	DT13-099	5F	Neutrinos and Cosmology	Aspects of High Scale Leptogenesis with Low-Energy Leptonic CP Violation
Haoqi Lu	P0103	DT06-103	6F	Reactor Neutrinos	The Water Cherenkov detector of the JUNO veto system
Cong Guo	P0105	DT06-105	6F	Reactor Neutrinos	Radon background control of JUNO's Veto Detector
Pouya Bakhti	P0107	DT15-107	5F	BSM Searches in Neutrinos	Sensitivities to secret neutrino interaction at meson decay and short baseline neutrino experiments
Abhishek Jha	P0111	DT01-111	7F	Neutrino Oscillation	Neutrinos as Qutrits
Emilio Ciuffoli	P0119	DT01-119	7F	Neutrino Oscillation	Localization and Decoherence in Neutrino Oscillations
Zhao Xin	P0121	DT06-121	6F	Reactor Neutrinos	Reactor antineutrino anomaly in light of recent flux model refinements
Jaafar Chakrani	P0127	DT01-127	7F	Neutrino Oscillation	Sensitivity of the T2K Near Detector Upgrade to constrain CCQE uncertainties in the Spectral Function model
Hangkun Xu	P0140	DT06-140	6F	Reactor Neutrinos	Calibration Strategy of Taishan Antineutrino Observatory
Pablo Martínez-Miravé	P0144	DT15-144	5F	BSM Searches in Neutrinos	A solar velectron antineutrino flux: bounds on neutrino magnetic moments and the solar magnetic field revisited
Caimei Liu	P0152	DT06-152	6F	Reactor Neutrinos	Performance analysis of JUNO 20-inch potted PMTs with 1F3 electronics prototype
Ngoc Tran Van	P0153	DT01-153	7F	Neutrino Oscillation	Sensitivity on CPT invariance testing with a combined analysis of T2K2, NOvA2 and JUNO
Tobias Sterr	P0159	DT06-159	6F	Reactor Neutrinos	The Calibration of the OSIRIS Subdetector of JUNO
Isobel Mawby	P0162	DT01-162	7F	Neutrino Oscillation	Development of the Pandora LArTPC event reconstruction to optimise the sensitivity to CP violation at DUNE
Dinesh Kumar Singha	P0163	DT01-163	7F	Neutrino Oscillation	Optimal configuration of Protvino to ORCA experiment for hierarchy and non-standard interactions
Emanuela Celi	P0165	DT15-165	5F	BSM Searches in Neutrinos	Searching for new physics in two-neutrinos Double Beta Decay with CUPID
Chloé Goupy	P0166	DT06-166	6F	Reactor Neutrinos	First estimate of backgrounds at sub-keV energies for the NUCLEUS CEvNS experiment

KiYoung Jung	P0172	DT06-172	6F	Reactor Neutrinos	Pulse shape discrimination in NEOS II with a convolutional neural network
Jaiden Parlone	P0175	DT01-175	7F	Neutrino Oscillation	VALOR-T2K, An overview of the 3-flavour neutrino oscillation analysis framework
Rudolph Rogly	P0177	DT06-177	6F	Reactor Neutrinos	Accurate measurement of the ^{235}U antineutrino spectrum by the STEREO experiment
Thomas Holvey	P0178	DT01-178	7F	Neutrino Oscillation	The MaCh3 Oscillation Analysis Framework
Achment Chalil	P0180	DT06-180	6F	Reactor Neutrinos	New FIFRELIN de-excitation model for STEREO simulation
Akira Takenaka	P0184	DT06-184	6F	Reactor Neutrinos	Detector calibration in the JUNO experiment
Emanuele Villa	P0199	DT01-199	7F	Neutrino Oscillation	Light propagation and timing studies on the ToF detector for the ND280 Upgrade of T2K
Daniele Massaro	P0201	DT15-201	5F	BSM Searches in Neutrinos	A last chance for kinetic mixing: explaining $(g-2)_\mu$ with semi-visible dark photons
Pablo FM	P0203	DT01-203	7F	Neutrino Oscillation	Measuring Neutrino Oscillations with A Million Atmospheric Neutrino
Kim Siyeon	P0208	DT13-208	5F	Neutrinos and Cosmology	Light sterile neutrino and leptogenesis
Xuewei Liu	P0212	DT06-212	6F	Reactor Neutrinos	A pure probabilistic approach to event reconstruction at JUNO
Anastasiia Kalitkina	P0218	DT01-218	7F	Neutrino Oscillation	Event Selection and Energy Estimation for the NOvA 3 Flavor Analysis
Giulia Brunetti	P0221	DT01-221	7F	Neutrino Oscillation	Light-charge combined calorimetry in DUNE
Charlie Mills	P0224	DT06-224	6F	Reactor Neutrinos	Reactor antineutrino oscillation at SNO+
Jinnan Zhang	P0229	DT01-229	7F	Neutrino Oscillation	JUNO Neutrino Mass Ordering Sensitivity
Olga Razuvaeva	P0231	DT06-231	6F	Reactor Neutrinos	Data analysis of the first physical run and calibration of the RED-100 detector
Katharina Von Sturm	P0240	DT06-240	6F	Reactor Neutrinos	Characterization of JUNO Large-PMT electronics in a complete small scale test setup
Kensuke Akita	P0246	DT15-246	5F	BSM Searches in Neutrinos	Unstable cosmic neutrino capture on tritium
Beatrice Jelmini	P0248	DT06-248	6F	Reactor Neutrinos	Mass testing of Large-PMT electronics at Kunshan for the JUNO experiment
Ayşe Bat	P0268	DT06-268	7F	Reactor Neutrinos	Low Energy Neutrino Studies with a Compact Water-based Liquid Scintillator Detector
Vivek Banerjee	P0275	DT15-275	5F	BSM Searches in Neutrinos	Study of type-I and type-II Seesaw dominance introduced Majorana type Yukawa coupling matrices for low energy observables within left-right symmetric model.
Maria Brigida Brunetti	P0280	DT01-280	7F	Neutrino Oscillation	Optimisation of the Pandora pattern recognition for electromagnetic showers in neutrino interactions at DUNE
Ishwar Singh	P0286	DT01-286	7F	Neutrino Oscillation	Impact of High Energy ν_e Events on NOvA Oscillation Sensitivities
Bernardo Gonçalves	P0290	DT15-290	5F	BSM Searches in Neutrinos	The hidden side of scalar-triplet models with spontaneous CP violation
Nadja Lessing	P0297	DT15-297	5F	BSM Searches in Neutrinos	KM3NeT Sensitivity to Decoherence in Neutrino Oscillations
Matteo Vicenzi	P0308	DT01-308	8F	Neutrino Oscillation	A liquid argon target for SAND in the DUNE Near Detector
Valerio Pia	P0331	DT01-331	8F	Neutrino Oscillation	Physics opportunities with SAND apparatus at the DUNE Near Detector complex
Artur Sztuc	P0332	DT01-332	8F	Neutrino Oscillation	Bayesian neutrino oscillation analysis with the NOvA experiment
Yongheng Xu	P0335	DT01-335	8F	Neutrino Oscillation	Selection of muon neutrino charged-current interactions with improved acceptance in the T2K off-axis near detector
Thomas Rink	P0345	DT15-345	5F	BSM Searches in Neutrinos	Novel constraints on neutrino physics beyond the standard model from the CONUS experiment
Oddharak Tyagi	P0350	DT15-350	5F	BSM Searches in Neutrinos	Constraining Large Extra Dimensions with Neutrino Experiments
Lorenzo Perisse	P0352	DT06-352	7F	Reactor Neutrinos	Improved calculations of reactor antineutrino fluxes and spectra using the summation method
Seungho Han	P0372	DT01-372	8F	Neutrino Oscillation	Sensitivity improvements via enhanced neutron detection in SK-Gd atmospheric neutrino oscillation analysis
Dario Rodrigues	P0399	DT06-399	7F	Reactor Neutrinos	Skipper-CCD deployment inside a nuclear power plant
Raymundo Ramos	P0418	DT02-418	8F	Leptonic CP Violation	Probing the leptonic Dirac CP-violating phase from perturbatively modified tribimaximal scenarios
Bingrong Yu	P0424	DT02-424	8F	Leptonic CP Violation	Exploring Seesaw from SEFT in the Language of Invariant Theory
Saurav Saha	P0426	DT06-426	7F	Reactor Neutrinos	Neutrinos for peace: Nuclear reactor monitoring with reactor antineutrinos

ANUJ KUMAR UPADHYAY	P0441	DT01-441	8F	Neutrino Oscillation	Neutrino oscillations in Earth for probing dark matter inside the core
Hongzhao Yu	P0488	DT01-488	8F	Neutrino Oscillation	Earliest Resolution of the Neutrino Mass Ordering?
Son Cao	P0493	DT01-493	8F	Neutrino Oscillation	A novel parameterization for measuring CP violation and testing unitarity of the active neutrino mixing matrix
Jerzy Manczak	P0514	DT15-514	5F	BSM Searches in Neutrinos	First limits on neutrino non-standard interactions with KM3NeT/ORCA6
Rasmus ØRsøe	P0533	DT01-533	8F	Neutrino Oscillation	Low Energy Reconstruction in IceCube DeepCore and Upgrade using Graph Neural Networks
Lakshmi S Mohan	P0543	DT01-543	8F	Neutrino Oscillation	Selection of multi-ring charged current $\nu\mu 1\pi^+$ samples at T2K far detector
Samiran Roy	P0545	DT15-545	5F	BSM Searches in Neutrinos	Constraining general U(1) interactions from neutrino-electron scattering measurements at DUNE near detector
Adrian Saina	P0549	DT15-549	5F	BSM Searches in Neutrinos	Searches for Dark Matter Annihilations in the Galactic Centre with the KM3NeT/ARCA Neutrino Telescope
Kamil Skwarczynski	P0555	DT01-555	8F	Neutrino Oscillation	T2K Near Detector fit using Markov Chain Monte Carlo
Tristan Doyle	P0573	DT01-573	8F	Neutrino Oscillation	Near detector frequentist analysis for the oscillation analysis of T2K
Yury Shitov	P0597	DT06-597	7F	Reactor Neutrinos	Long-term monitoring of neutron and gamma backgrounds in the DANSS project
Alain Letourneau	P0618	DT06-618	7F	Reactor Neutrinos	On the origin of the Reactor Antineutrino Anomalies in the context of a summation model with corrected missing beta-transitions
Dmitrii Rudik	P0619	DT06-619	7F	Reactor Neutrinos	First results of the RED-100 experiment for the CEvNS search in close vicinity of the reactor core.
Radik Nugmanov	P0625	DT06-625	7F	Reactor Neutrinos	iDREAM: Industrial Detector of REactor Antineutrinos for Monitoring at Kalinin NPP
Salvador Miranda	P0627	DT15-627	6F	BSM Searches in Neutrinos	Prospects for Dark Matter annihilation for next-gen neutrino telescopes and implications for simplified dark matter models
Tailin Zhu	P0647	DT01-647	8F	Neutrino Oscillation	Investigating the Impact of the Intermediate Water Cherenkov Detector on the Hyper-Kamiokande Neutrino Oscillation Measurements
Vadim Shakhov	P0648	DT01-648	8F	Neutrino Oscillation	Neutrino charge radius and anapole moment and neutrino oscillations in external environment
Zahra GHorbanimoghaddam	P0654	DT15-654	5F	BSM Searches in Neutrinos	Sensitivity to Heavy Neutral Leptons with the SAND detector at the DUNE ND complex
Fedor Lazarev	P0672	DT15-672	6F	BSM Searches in Neutrinos	Elastic neutrino-nucleon and neutrino-nucleus scattering: The BSM electromagnetic channel.
Ting Cheng	P0682	DT01-682	8F	Neutrino Oscillation	Microscopic and Macroscopic Effects in the Decoherence of Neutrino Oscillations
Nafis Rezwan Khan Chowdhury	P0683	DT15-683	6F	BSM Searches in Neutrinos	Testing the violations of Lorentz Invariance with accelerator neutrinos in P2O and DUNE
James Mead	P0691	DT01-691	8F	Neutrino Oscillation	IceCube Upgrade: ν -oscillations' high-statistics era
Tobias Heinz	P0705	DT01-705	8F	Neutrino Oscillation	Possible Implications of the Finestructure in the Reactor Neutrino Spectrum on JUNO's Neutrino Mass Ordering Sensitivity
Karolina Wresilo	P0725	DT01-725	8F	Neutrino Oscillation	Impact of Improving Pandora Reconstruction in MicroBooNE: Towards Understanding the Low-Energy Excess Anomaly
Nicole Schermer	P0738	DT06-738	7F	Reactor Neutrinos	Exploring CEvNS from Nuclear Reactors with the NUCLEUS Experiment
Alexey Lichkunov	P0749	DT15-749	6F	BSM Searches in Neutrinos	Neutrino oscillation in ALPs matter
Daniel Barrow	P0750	DT01-750	8F	Neutrino Oscillation	Developing joint interaction and detector systematics for the SK+T2K joint oscillation analysis
Panos Stamoulis	P0758	DT01-758	8F	Neutrino Oscillation	The third track (or ring): Using pion-producing interactions to increase the neutrino oscillation information
Sofia Andringa	P0762	DT06-762	7F	Reactor Neutrinos	First detection of reactor anti-neutrinos in a pure-water Cherenkov Detector
Boxiang Yu	P0783	DT06-783	7F	Reactor Neutrinos	The purification system of JUNO liquid scintillator
Alessio Giarnetti	P0788	DT15-788	6F	BSM Searches in Neutrinos	Effects of BSM models at future long baseline experiments
Artem Popov	P0792	DT02-270	8F.	Leptonic CP Violation	CP-violating effects in oscillations of supernova Majorana neutrinos

Konstantin Stankevich	P0793	DT01-940	8F	Neutrino Oscillation	Neutrino oscillations and quantum decoherence
Aleksandra Chukhnova	P0795	DT02-939	8F	Leptonic CP Violation	T-violation in neutrino spin-flavor transition probabilities in the two-flavor model