

Poster Session III-a@Majorana

June 1, 15:00-16:30 KST / June 1, 08:00-09:30 EU / June 1, 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
Tamer Tolba	P0009	MT07-009	2F	Accelerator Neutrinos	The Conceptual Design and Performance of the ESS neutrino Super Beam experiment (ESSvSB)
Filippo Bramati	P0010	MT07-010	2F	Accelerator Neutrinos	Towards a high precision neutrino cross section measurement: the ENUBET monitored neutrino beam
Luca Pattavina	P0034	MT16-034	3F	New Neutrino Technologies	RES-NOVA: astrophysical neutrino source investigation with archaeological Pb-based detectors
Yasuo Takeuchi	P0043	MT16-043	3F	New Neutrino Technologies	Study of radon adsorption properties using activated carbon fibers
Zara Bagdasarian	P0059	MT16-911	4F	Geo Neutrinos	Antineutrino sensitivity at THEIA
Daniel Cookman	P0077	MT16-077	3F	New Neutrino Technologies	A Statistical Approach to Modelling the Optical Scattering Calibration System in SNO+
Josephine Paton	P0078	MT10-078	3F	Solar Neutrinos	Event by Event Directional Reconstruction in the SNO+ Scintillator Phase
Riccardo Biondi	P0083	MT10-083	3F	Solar Neutrinos	Precision measurement of the Earth's orbit parameters with solar neutrinos in Borexino
Junjie Xia	P0109	MT16-109	3F	New Neutrino Technologies	A Generative Convolutional Neural Network Approach for Cherenkov Event Reconstruction
Apeksha Singhal	P0142	MT10-142	3F	Solar Neutrinos	First directional measurement of sub-MeV solar neutrinos in the liquid scintillator detector by Borexino
Tetiana Kozynets	P0154	MT09-154	2F	Atmospheric Neutrinos	A Novel Numerical Approach to Angular Distributions of Atmospheric Neutrinos
Evangelia Drakopoulou	P0155	MT16-155	3F	New Neutrino Technologies	Reconstruction Techniques in ANNIE
Beatrice Mauri	P0158	MT16-158	3F	New Neutrino Technologies	Development of a cryogenic veto system for the NUCLEUS CEvNS experiment
Xingyu Zhao	P0167	MT07-167	2F	Accelerator Neutrinos	Particle identification and momentum reconstruction in T2K SuperFGD detector
Soniya Samani	P0171	MT16-171	3F	New Neutrino Technologies	Precision measurements of photosensor components for the Hyper-Kamiokande Outer Detector
Tobias Andreas Pertl	P0181	MT16-181	4F	New Neutrino Technologies	The self-monitoring precision calibration light source for the IceCube Upgrade
Lucile Mellet	P0185	MT16-185	3F	New Neutrino Technologies	R&D for Hyper-Kamiokande clock generation and time synchronization
Uladislava Yevarouskaya	P0197	MT16-197	3F	New Neutrino Technologies	Characterization of the ERAM detectors for the T2K ND280 upgrade
Rodrigo Alvarez Garrote	P0207	MT16-207	4F	New Neutrino Technologies	Simulation and reconstruction of scintillation light with X-Arapuca photodetectors in SBND
Laura Zambelli	P0213	MT16-213	4F	New Neutrino Technologies	Analysis of data taken with DUNE Vertical Drift demonstrator using LARDON
Maitrayee Mandal	P0216	MT09-216	2F	Atmospheric Neutrinos	Tau Neutrino Appearance in the Flux of Atmospheric Neutrinos at Super-Kamiokande
Yashwanth S. Prabhu	P0219	MT07-219	2F	Accelerator Neutrinos	Development of a multi-ring ν_e sample at the T2K far detector
Maxim Gromov	P0220	MT16-220	4F	New Neutrino Technologies	Multipurpose UV LED Calibration System for the JUNO-TAO Detector
Weidong Bai	P0233	MT07-233	2F	Accelerator Neutrinos	State-of-the-art predictions for far-forward tau neutrinos at the Large Hadron Collider, including main QCD uncertainties
Daiki Hayakawa	P0242	MT07-242	2F	Accelerator Neutrinos	Status of FASERv towards the LHC Run 3
Henry Lay	P0252	MT07-252	2F	Accelerator Neutrinos	Cosmic Background Rejection in SBND with Multiple Detector Systems - The CRUMBS Tool
Akshay Chatla	P0253	MT16-253	4F	New Neutrino Technologies	Context Enriched Prong CNN performance studies in NOvA
Daniel Lopez-Coto	P0254	MT10-254	3F	Solar Neutrinos	Search for solar atmospheric neutrinos with the ANTARES neutrino telescope
Aurora Langella	P0263	MT16-263	4F	New Neutrino Technologies	Dark rate reduction with machine learning techniques for the Hyper-Kamiokande experiment
Saul Alonso Monsalve	P0264	MT16-264	4F	New Neutrino Technologies	Deep-learning-based reconstruction in the SuperFGD detector of the T2K experiment

Nora Feigl	P0269	MT16-269	4F	New Neutrino Technologies	Testing the multi-PMT digital optical modules for IceCube Upgrade
Alfonso Lazo Pedrajas	P0287	MT09-287	2F	Atmospheric Neutrinos	Parameter-based particle identification using machine learning techniques in KM3NeT/ORCA6
Andrea Simonelli	P0309	MT16-309	4F	New Neutrino Technologies	Acoustic Neutrino Detection In a Adriatic Multidisciplinary Observatory (ANDIAMO)
Pablo Kunzé	P0317	MT16-317	4F	New Neutrino Technologies	Performance of the ProtoDUNE Dual Phase detector with cosmic rays data
Andrea Serafini	P0344	MT08-344	3F	Geo Neutrinos	Investigating Earth's mantle with antineutrinos
Emanuele Leonora	P0347	MT16-347	4F	New Neutrino Technologies	Different optical modules for different cosmic neutrino detectors
Esteban Cristaldo	P0348	MT16-348	4F	New Neutrino Technologies	The cold electronics of the DUNE Photon Detection System.
Lorna Nolan	P0353	MT10-353	3F	Solar Neutrinos	Cosmogenic Muon Induced Backgrounds in the Water and Scintillator Phases of SNO+
Matteo Feltre	P0373	MT16-373	4F	New Neutrino Technologies	Characterization of the Field Cages of the HATPC detectors for the T2K ND Upgrade
Ciaran Hasnip	P0392	MT07-392	2F	Accelerator Neutrinos	The DUNE Neutrino PRISM
Tuchen Huang	P0400	MT16-400	4F	New Neutrino Technologies	Performance Evaluation of Scintillator Readout with SiPM
Holger Kluck	P0401	MT16-401	4F	New Neutrino Technologies	CRAB – Developing a sub-keV calibration technique for cryogenic-detectors
Shota Izumiya	P0408	MT16-408	4F	New Neutrino Technologies	Development of Timing Synchronization System between Neutrino Beamline and Large Water Cherenkov Detector; Hyper-Kamiokande Experiment
Holger Kluck	P0428	MT16-428	4F	New Neutrino Technologies	ELOISE – Reliable background simulation at sub-keV energies
Jan Weldert	P0446	MT09-446	2F	Atmospheric Neutrinos	Likelihood-free inference-based reconstruction for IceCube DeepCore and Upgrade
Karolin Hymon	P0487	MT09-487	2F	Atmospheric Neutrinos	Seasonal Variations of the Atmospheric Neutrino Flux determined from 10 years of IceCube Data with DSEA+
Wenhui Shao	P0494	MT16-494	4F	New Neutrino Technologies	The Potential to Probe Solar Neutrino Physics with LiCl Water Solution
Ziyao Wang	P0497	MT07-497	2F	Accelerator Neutrinos	Improving Neutrino Energy Reconstruction in Few-GeV Energy Region with Reconstructed Neutrino Invariant Mass
Shen Liang	P0503	MT09-503	2F	Atmospheric Neutrinos	Neutrino reconstruction with Graph Neural Networks in KM3NeT/ORCA6
Zineb Aly	P0530	MT09-530	2F	Atmospheric Neutrinos	Measurement of neutrino oscillations with KM3NeT/ORCA
Toranosuke Okumura	P0538	MT07-538	2F	Accelerator Neutrinos	Report of 2021 physics run of the NA65/DsTau experiment
Robert Kralik	P0544	MT07-544	2F	Accelerator Neutrinos	NOvA Test Beam detector calibration
Daniele Fargion	P0547	MT16-547	4F	New Neutrino Technologies	Beaming bunches of neutrinos across the Earth to telegraph and communicate faster than light
Bianca De Martino	P0557	MT16-557	4F	New Neutrino Technologies	Tagged Neutrino Beams
Marc Breisch	P0565	MT07-565	2F	Accelerator Neutrinos	First LAPPD data from ANNIE
Adrien Blanchet	P0572	MT07-572	2F	Accelerator Neutrinos	GUNDAM: A next-generation fitting tool for future T2K analyses
Luca Pelicci	P0575	MT10-575	3F	Solar Neutrinos	Solar neutrino physics with JUNO: analysis strategy and sensitivity studies for Be7, pep, and CNO neutrinos
Yuuki Nakano	P0583	MT10-583	3F	Solar Neutrinos	Study of neutrinos from the Sun in the Super-Kamiokande detector
Pruthvi Mehta	P0588	MT11-588	3F	Diffuse Supernova Neutrino Background	Neutron tagging with SK-Gd for neutral current quasielastic interaction measurements with the T2K neutrino beam
Jaydeep Datta	P0592	MT09-592	2F	Atmospheric Neutrinos	Neutrino oscillation parameter determination at INO-ICAL using track and hit information from GEANT
Oliver Lantwin	P0593	MT16-593	4F	New Neutrino Technologies	Prototyping of the DUNE Vertical Drift TPC
Daniele Fargion	P0601	MT10-601	3F	Solar Neutrinos	Solar Flare neutrinos and flavors detections, related to neutron late burst
Davide Basilico	P0612	MT10-612	3F	Solar Neutrinos	Improved strategy for the CNO cycle neutrino flux measurement with the Borexino experiment
Rijeesh Keloth	P0636	MT16-636	4F	New Neutrino Technologies	Reconstruction and Calibration for the SoLid Reactor Neutrino Detector
Benda Xu	P0637	MT10-637	3F	Solar Neutrinos	Innovations of the Upcoming Hundred-Ton Jinping Neutrino Experiment
Daniele Fargion	P0638	MT09-638	2F	Atmospheric Neutrinos	On the discrepancy between HESE and the thought going neutrino muon spectra in ICECUBE
Mariam Rifai	P0649	MT09-649	2F	Atmospheric Neutrinos	Atmospheric neutrino physics in JUNO: reconstruction of GeV Interaction

Viktor Pec	P0650	MT16-650	4F	New Neutrino Technologies	Use of cosmic ray muons to measure drift charge attenuation in DUNE far detector
Diana Navas	P0653	MT16-653	4F	New Neutrino Technologies	LiquidO: a novel neutrino detection technology
Daniele Guffanti	P0659	MT10-659	3F	Solar Neutrinos	Solar physics implications of Borexino CNO solar neutrino measurement
Sunwoo Gwon	P0675	MT16-675	4F	New Neutrino Technologies	Neutron detection and application with 3D projection scintillator tracker
D. Jason Koskinen	P0710	MT09-710	2F	Atmospheric Neutrinos	Design & Performance Goals for the IceCube Upgrade
Pantelis Melas	P0761	MT16-761	4F	New Neutrino Technologies	Seasonal Variation of Cosmic Muon Rate with the ProtoDUNE-SP Detector
WU ZHI	P0775	MT16-775	3F	New Neutrino Technologies	The Central Detector of JUNO