

Poster Session IV-b@Majorana

June 3, 06:00-07:30 KST / June 2, 23:00-24:30 EU / June 2, 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
Oleksandr Tomalak	P0001	MT05-001	7F	Neutrino Interactions	QED corrections to charged-current elastic neutrino-nucleon scattering
John LoSecco	P0019	MT12-019	5F	Astrophysical Neutrinos	Gravitational Lensing of Supernova Neutrino Bursts
Doug Cowen	P0041	MT12-041	5F	Astrophysical Neutrinos	Search for Astrophysical Tau Neutrinos with IceCube using the Double Pulse Channel
Nirmal Raj	P0049	MT17-049	8F	Other	Dark sectors in neutrons-shining-through-a-wall and nuclear absorption in neutrino facilities
Spencer Axani	P0053	MT12-053	5F	Astrophysical Neutrinos	A multimessenger search with KamLAND: Searching for low-energy astrophysical neutrinos associated with Gamma Ray Bursts
Apurva Goel	P0063	MT12-063	5F	Astrophysical Neutrinos	Astrophysical neutrino spectrum in IceCube-Gen2
Benjamin Suh	P0075	MT05-075	7F	Neutrino Interactions	Status of Analysis of CEvNS on LAr from the COHERENT Collaboration
Amanda Baxter	P0081	MT12-081	5F	Astrophysical Neutrinos	SNEWS2.0: The Multi-Messenger Supernova Early Warning System
Michael Campana	P0082	MT12-082	5F	Astrophysical Neutrinos	Search for Astrophysical Neutrinos from 1FLE Blazars with IceCube
Andrew Olivier	P0087	MT05-087	7F	Neutrino Interactions	Multi-Neutron Antineutrino Interactions at Low E_{avail} in MINERvA
Ava Ghadimi	P0102	MT12-102	5F	Astrophysical Neutrinos	Search for high-energy neutrinos from magnetars with IceCube
Marcos Vinicius Dos Santos	P0114	MT12-114	5F	Astrophysical Neutrinos	Understanding and visualizing the statistical analysis of SN1987A neutrino data
Wanwei Wu	P0115	MT05-115	7F	Neutrino Interactions	A deep-learning based charged-current electron neutrino interaction identification in the ArgoNeuT experiment
Mahdi Bagheri	P0118	MT12-118	5F	Astrophysical Neutrinos	Cherenkov Telescope on-board the EUSO-SPB2 Mission for the Detection of Very High Energy Neutrinos
William Jay	P0198	MT05-198	7F	Neutrino Interactions	Achilles: Intranuclear Cascades
Jim Kneller	P0227	MT12-227	5F	Astrophysical Neutrinos	SNEWPY and sntools: Software for Studying Supernova Neutrinos
Guillaume Pronost	P0236	MT12-236	5F	Astrophysical Neutrinos	Update of the Super-Kamiokande's supernova neutrino bursts monitoring using Gd neutron capture
Ziping Ye	P0239	MT12-239	5F	Astrophysical Neutrinos	Maximizing the Astrophysics Potentials of JUNO with the Multi-Messenger Trigger System
Pavel Zhelnin	P0243	MT12-243	5F	Astrophysical Neutrinos	TAMBO: Searching for astrophysical tau neutrinos in the Andes
Erin Conley	P0273	MT05-273	7F	Neutrino Interactions	Prospects for measurement of neutrino-argon charged-current interactions with the COHERENT liquid argon detector
Spencer Griswold	P0278	MT12-278	5F	Astrophysical Neutrinos	Using Core Collapse Supernova "Fire Drills" to Test IceCube and SNEWS 2.0, the SuperNova Early Warning System
Reed Bowles	P0293	MT05-293	7F	Neutrino Interactions	Neutrino Tridents in the NOvA Near Detector
Erica Caden	P0314	MT17-314	8F	Other	SNOLAB: 10 years of Deep Underground Science
Derek Doyle	P0323	MT05-323	7F	Neutrino Interactions	A Measurement of the Electron Antineutrino Charged-Current Inclusive Cross Section with NOvA
Diksha Garg	P0324	MT12-324	5F	Astrophysical Neutrinos	Tau depolarization at very high energies for neutrino telescopes
Travis Olson	P0329	MT05-329	7F	Neutrino Interactions	Double-Differential Cross Section and 2p2h Contribution using ν_{μ} CC Interactions in the NOvA Near Detector
Gerrit Roellinghoff	P0333	MT12-333	5F	Astrophysical Neutrinos	Search for Solar Atmospheric Neutrinos with IceCube High-Energy Track Data
Fan Gao	P0354	MT05-354	7F	Neutrino Interactions	Muon antineutrino charged-current neutral pion production differential cross-section measurement in the NOvA near detector
Baran Bodur	P0371	MT05-371	7F	Neutrino Interactions	Status of Atmospheric Flux-Weighted ν_e - ^{16}O Cross-Section Measurement Below 125 MeV Neutrino Energy In Super-Kamiokande

Eli Ward	P0382	MT05-382	7F	Neutrino Interactions	Measuring Charged-Current Neutrino-Nucleus Cross Section on Oxygen
Mun Jung Jung	P0383	MT05-383	7F	Neutrino Interactions	Analysis Capabilities of High-Statistics ν -Ar Interaction Exclusive Channel with Protons and no Pions at SBND
Sreetama Goswami	P0386	MT12-386	5F	Astrophysical Neutrinos	Search for high-energy neutrino emission from hard X-ray AGN with IceCube
Darcy Newmark	P0403	MT05-403	7F	Neutrino Interactions	Applications of Neutral and Charged Current Neutrino Cross Sections in Liquid Argon Detectors for Supernovae Physics
Ryosuke AKUTSU	P0404	MT05-404	7F	Neutrino Interactions	Constraining ν_e and $\bar{\nu}$ cross sections by IWCD for the CP violation study at Hyper-Kamiokande
Wenjie Wu	P0409	MT17-409	8F	Other	Purity monitoring for ProtoDUNE-SP
Akira Harada	P0412	MT12-412	5F	Astrophysical Neutrinos	Rotation-induced collective neutrino oscillation in a core-collapse supernova
Bruce Howard	P0425	MT05-425	7F	Neutrino Interactions	Neutrino-Argon Cross-Section Measurements Using the NuMI Neutrino Beam at ICARUS
Huiyou Chen	P0432	MT12-432	6F	Astrophysical Neutrinos	Search For Electron-Antineutrinos Associated With Gravitational-Wave Events GW150914, GW151012, GW151226, GW170104, GW170608, GW170814, and GW170817 at Daya Bay
Mainak Mukhopadhyay	P0433	MT12-433	6F	Astrophysical Neutrinos	Memory-triggered supernova neutrino detection
Astrid Anker	P0438	MT12-438	6F	Astrophysical Neutrinos	Improving sensitivity of the ARIANNA detector by rejecting thermal noise with deep learning
Ryan Rice-Smith	P0456	MT12-456	6F	Astrophysical Neutrinos	Assessing the Background Rate due to Cosmic Ray Core Scattering from Internal Reflection Layers in the South Pole Ice Cap
Masamitsu Mori	P0498	MT12-498	6F	Astrophysical Neutrinos	Towards simulation of neutrino emission from core-collapse to black holes
Leshan Zhao	P0500	MT12-500	6F	Astrophysical Neutrinos	Measuring the Polarization Reconstruction Resolution of the ARIANNA Neutrino Detector with Cosmic Rays
Leshan Zhao	P0502	MT12-502	6F	Astrophysical Neutrinos	Novel Background Rejection Techniques in a Search for Ultra-high Energy Neutrinos Using an ARIANNA Detector Station at the South Pole
Tianqi Zhang	P0525	MT17-525	8F	Other	Attenuation and scattering coefficient measurement for WBLS
Hyungi Lee	P0528	MT17-528	8F	Other	Measurement of cosmogenic ^9Li and ^8He production rates at RENO
Diego Gratieri	P0534	MT05-534	7F	Neutrino Interactions	Implications of the neutrino-nucleon cross-section dynamics on the description of ultrahigh-energy neutrino data
Connor Johnson	P0559	MT05-559	7F	Neutrino Interactions	Muon Anti-Neutrino Charged-Current Inclusive Cross Sections Using the NOvA Near Detector
Maria Martinez-Casales	P0564	MT05-564	7F	Neutrino Interactions	Constraining NOvA physics model parameters with the Near Detector using Frequentist and Bayesian statistical techniques
Ankur Verma	P0576	MT05-576	7F	Neutrino Interactions	Non-standard neutrino interactions in light mediator models at reactor experiments
Leon Pickard	P0584	MT05-584	7F	Neutrino Interactions	ANNIE - The Accelerator Neutrino Neutron Interaction Experiment
Bangzheng Ma	P0589	MT17-589	8F	Other	Seasonal Modulation of the Muon Flux Correlated with Atmospheric Temperature
Mehr Nisa	P0608	MT12-608	6F	Astrophysical Neutrinos	Search for Extended Neutrino Emission in the Galaxy with IceCube
AmirFarzan Esmaeili Taklimi	P0621	MT12-621	6F	Astrophysical Neutrinos	Evaporating Primordial Black Holes in Neutrino Telescopes
Chatura Kuruppu	P0623	MT05-623	7F	Neutrino Interactions	Status of the ν_μ charged-current coherent pion production in the NOvA near detector
Sebastian Sanchez-Falero	P0634	MT05-634	7F	Neutrino Interactions	Status of the measurement of the muon neutrino charged-current cross section with zero mesons in the final state at the NOvA near detector
Leonidas Aliaga	P0640	MT05-640	7F	Neutrino Interactions	Measurement of the muon neutrino charged-current interactions with low hadronic activity in the NOvA near detector
Santiago Giner Olavarrieta	P0651	MT12-651	6F	Astrophysical Neutrinos	Prometheus, An Open-Source Simulation of Neutrino Telescopes
Karla Tellez-Giron-Flores	P0669	MT05-669	7F	Neutrino Interactions	A Heavy Water Detector for Flux Normalization at COHERENT
Michael Kovacevich	P0684	MT12-684	6F	Astrophysical Neutrinos	A Search for Coincident Neutrino Emission from Fast Radio Bursts with IceCube
Jean Pierre Twagirayezu	P0685	MT12-685	6F	Astrophysical Neutrinos	Simulation, Reconstruction, and Sensitivity of the Pacific Ocean Neutrino Experiment.

Sarah Mancina	P0686	MT12-686	6F	Astrophysical Neutrinos	Astrophysical neutrino source searches in the southern sky from 1 to 100 TeV with starting muon tracks in IceCube
Maria Laura Di Vacri	P0692	MT17-692	8F	Other	Ultra-low background flexible cables
Ivan Lepetic	P0703	MT17-703	8F	Other	Observation of Radon Mitigation by MicroBooNE's Cryogenic System
Fernando Alvarado	P0707	MT05-949	8F	Neutrino Interactions	Extracting the nucleon axial form factor from LQCD using chiral perturbation theory
Barbara Yaeggy	P0721	MT05-721	8F	Neutrino Interactions	Tau Neutrinos and DIS Cross-Section at DUNE's Far Detector (FD)
Samantha Sword-Fehlberg	P0723	MT05-723	8F	Neutrino Interactions	First Extraction of Single Differential Cross-Sections on ^{40}Ar for CC2p Event Topologies in the MicroBooNE Detector
Kyujin Kwak	P0728	MT12-728	6F	Astrophysical Neutrinos	MeV Neutrinos from Astrophysical Sources
Yago P Porto Silva	P0732	MT12-732	6F	Astrophysical Neutrinos	Exploiting a future galactic supernova to probe neutrino magnetic moments
David Caratelli	P0734	MT05-734	8F	Neutrino Interactions	MicroBooNE Electron Neutrino Cross Section without Visible Pions
Robert Stein	P0736	MT12-736	6F	Astrophysical Neutrinos	Neutrino follow-up with the Zwicky Transient Facility: Results from the first 24 campaigns
Ali Kheirandish	P0747	MT12-747	6F	Astrophysical Neutrinos	Identifying High-Energy Neutrinos Minibursts from Local Supernovae with Multiple Neutrino Telescopes
Afroditi Papadopoulou	P0748	MT05-748	8F	Neutrino Interactions	First Measurement of Differential Charged Current Kinematic Imbalance $\nu\mu$ - Argon Scattering Cross Sections with the MicroBooNE Detector
Nupur Oza	P0756	MT05-756	8F	Neutrino Interactions	Measuring the Neutral Current Neutral Pion Cross Section on Argon in MicroBooNE
Giacomo Scanavini	P0759	MT05-759	8F	Neutrino Interactions	Measurement of Neutral-Current π^0 in MicroBooNE using Wire-Cell
Jaret Heise	P0763	MT17-763	8F	Other	The Sanford Underground Research Facility
Guanqun Ge	P0765	MT05-765	7F	Neutrino Interactions	Search for Anomalous NC Coherent-like Single-photon Production with MicroBooNE
London Cooper-Troendle	P0766	MT05-766	7F	Neutrino Interactions	METHODOLOGY OF THE EXTRACTION OF MULTI-DIFFERENTIAL CROSS SECTIONS OF CHARGED-CURRENT NUMU-ARGON INTERACTION IN MICROBOONE USING WIRE-CELL NUMU-CC SELECTION
Mark Ross-Lonergan	P0767	MT05-767	7F	Neutrino Interactions	Search for anomalous single-photon production in MicroBooNE as a test of the MiniBooNE low-energy excess
Joshua Barrow	P0772	MT05-772	7F	Neutrino Interactions	$\mu\nu$ at MicroBooNE: Cosmic Ray Studies of μ -Argon Interactions
Meghna Bhattacharya	P0773	MT05-773	8F	Neutrino Interactions	A Measurement of Neutrino Induced Charged Current Neutral Pion Production in the MicroBooNE Experiment
Andreas Gaertner	P0779	MT12-779	6F	Astrophysical Neutrinos	Deep-sea Site Characterization for the Pacific Ocean Neutrino Experiment
Luca Pagani	P0782	MT17-782	8F	Other	The final results from the ARTIE experiment
Joseph Smolsky	P0785	MT12-785	6F	Astrophysical Neutrinos	Simulating supernovae induced event rates in KamLAND using SNEWPY and SNOWGLOBES