

ID	Sector	Presenters	Title	Track
5	C4	Antonio Condorelli	Floor of cosmogenic neutrino fluxes above $10^{17}$ $\sim$ $\text{EeV}$	Neutrino role in cosmology
11	C4	Doris Barčot	Possibility of the sterile neutrino search with NINJA	Sterile neutrinos
15	A3	Christophe Bronner	Large scale measurement of the performance of the Hyper-Kamiokande 50cm PMT	New technologies for neutrino physics
16	C4	Daniel Siegmann	The TRISTAN detector upgrade for the keV sterile neutrino search with KATRIN	Sterile neutrinos
17	A2	Jun Terasaki	Reliability of calculated nuclear matrix element of two-neutrino double- $\beta$ decay	Neutrinoless Double Beta Decay
18	A1	Monojit Ghosh	Physics opportunities at the ESSnuSB/ESSnuSB+ setup	Accelerator neutrinos
19	A2	Lorenzo Pagnanini	Measurement of In-115 $\beta$ -decay with the ACCESS project	Neutrinoless Double Beta Decay
20	C3	Erica Caden	Enhancing Equity, Diversity, and Inclusion in Physics: Perspectives from SNOLAB	New technologies for neutrino physics
23	C2	Mariia Fedkevych	Trinity: Probing Very High-Energy Cosmic Neutrinos with Imaging Atmospheric Cherenkov Technique	Astrophysical neutrinos
27	B2	Akhila Kumar Pradhan	CP violation due to a Majorana phase in two flavor neutrino oscillations with decays	Neutrino oscillations
28	A1	Budimir Kliček	The ESSnuSB/ESSnuSB+ detector design	Accelerator neutrinos
29	A1	Eric Baussan	The ESSnuSB+ Target Station	Accelerator neutrinos
34	C2	Anastasiia Zolotarova	TINY experiment: search for $0\nu 2\beta$ decay with Zr-96 and Nd-150	Neutrinoless Double Beta Decay
37	A4	Shailaja Mohanty	Exploring eV-Scale Sterile Neutrinos: Insights from the KATRIN Experiment	Sterile neutrinos
38	B4	Magda Cicerchia	Data vs. MC comparison of light signal from cosmic rays in the ICARUS detectors	New technologies for neutrino physics
41	C2	Frédéric Perrot	Study of Radon background in the SuperNEMO detector	Neutrinoless Double Beta Decay
45	A4	Utkarsh Patel	Leptogenesis in a Left-Right Symmetric Model with double seesaw	Theory of neutrino masses and mixing, Leptogenesis
47	C4	Camille Sironneau	Sterile Neutrino search with atmospheric neutrinos in DUNE	Sterile neutrinos
48	A2	Isobel Mawby	Machine Learning Approaches to Particle Identification in the DUNE Far Detector	Neutrino oscillations
49	A2	Ioana Caracas	DUNE-PRISM: An innovative technique for neutrino oscillation analysis	Neutrino oscillations
50	C2	Carlo Fuselli	Measurement of the first-forbidden non-unique $\beta$ -decay energy spectrum of $^{214}\text{Bi}$ to the ground state of $^{214}\text{Po}$ in XENONnT	Neutrinoless Double Beta Decay
51	A2	Maria Artero Pons	Neutrino reconstruction analysis at ICARUS detector	Neutrino oscillations
53	C1	Aleena Rafique	Neutrino energy scale measurements in DUNE using advanced computing	Neutrino interactions
56	C2	Yoshiyuki Fukuda	Present status of experiment for Zirconium-96 two neutrino emission double beta decay	Neutrinoless Double Beta Decay
57	A1	Asa Nehm	Reconstruction in the DUNE Near Detector Muon Spectrometer	Accelerator neutrinos
58	C3	Sabrina Sacerdoti	Photo-Detectors readout in the 2nd DUNE Far Detector: readout in cryogenic and high voltage environment	New technologies for neutrino physics
62	C2	Rosa Poggiani	Results of a search for Gamma-Ray Counterparts of IceCube Neutrino Events in the AGILE Public Archive	Astrophysical neutrinos
64	A3	Kenneth Vetter	Enhancing CUORE Data Quality with Denoising Techniques	Neutrinoless Double Beta Decay
65	B2	Nanami Kawada	Progress and future of neutrino-less double-beta decay search by the KamLAND-Zen experiment	Neutrinoless Double Beta Decay
66	A3	Wentai Luo	Research and Development of Jinping Neutrino Experiment	New technologies for neutrino physics
76	A3	Stefano Ghislandi	Background decomposition of the CUORE experiment and measurement of the $^{130}\text{Te}$ $2\nu\beta\beta$ half-life of $^{130}\text{Te}$	Neutrinoless Double Beta Decay

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77	A3	Simone Quitadamo	Exploring the impact of the Mediterranean Sea activity on the performance of CUORE mK-calorimetric experiment	Neutrinoless Double Beta Decay
81	B4	Mohit Gola	The Water Cherenkov Test Experiment: Investigating Particle Detection in Small-Scale Water Cherenkov Detectors	New technologies for neutrino physics
82	A4	Alessio Giarnetti	Exploring new physics at ESSnuSB+	Beyond Standard Model searches in the neutrino sector
89	C3	Laura Zambelli	Performances of the DUNE Vertical Drift Technology anodes	New technologies for neutrino physics
93	C3	Francisco Martínez López	Developing the Reconstruction of a Magnetised Gaseous Argon TPC for the DUNE Near Detector	New technologies for neutrino physics
97	C3	Fatma Boran	The Development and Prototyping of DUNE's Vertical Drift Charge Readout Planes	New technologies for neutrino physics
98	A2	Linhui Gu	Electron Shower Energy Reconstruction for the ProtoDUNE experiment	Neutrino oscillations
109	A4	Shun Zhou	Seesaw Effective Field Theories at One-loop Level	Theory of neutrino masses and mixing, Leptogenesis
113	B4	Luca Pattavina	RES-NOVA - Detecting astrophysical neutrinos using archaeological-Pb-based cryogenic detectors	Supernova neutrinos
114	C2	昊阳 付	Comparing Sensitivities of Counting and Fitting Methods in Neutrinoless Double Beta Decay Experiments	Neutrinoless Double Beta Decay
115	C3	Cecilia Ferrari	$^{214}\text{Pb}$ branching ratios measurement with XENONnT detector	New technologies for neutrino physics
120	C3	Marjolein van Nuland - Troost	Neutron detection in the 2x2 demonstrator and ND-LAr	New technologies for neutrino physics
121	A1	Alessandro Ruggeri	The SAND tracking system at the DUNE Near Detector	Accelerator neutrinos
122	C3	Francesco Chiapponi	A novel optical imaging system for the LAr detector GRAIN	New technologies for neutrino physics
124	A1	Jianming Bian	Deep Learning at DUNE	Accelerator neutrinos
126	A2	Doug Cowen	Detection of Astrophysical Tau Neutrinos with IceCube	Astrophysical neutrinos
127	A1	Elena Firu	STUDY OF PROTON-NUCLEUS INTERACTIONS IN THE DSTAU/NA65 EXPERIMENT AT THE CERN-SPS	Accelerator neutrinos
128	B2	Vincent Gousy-Leblanc	Optical module calibration for the Pacific Ocean Neutrino Experiment	Astrophysical neutrinos
130	A1	BARBARA YAEGGY	3D-Reconstruction of Tau Neutrinos in LArTPC Detectors	Accelerator neutrinos
132	C3	Angela White	Light Readout System of the DUNE 2x2 Demonstrator	New technologies for neutrino physics
136	B1	Ken Ohashi	The muon measurements at the FASER experiment	Accelerator neutrinos
138	B2	Miriama Rajaoalisoa	PISCES two-detector covariance matrix fit for the NOvA Experiment	Neutrino oscillations
144	C4	Sergey Martinenko, Xiangpan Ji	New search for a sterile neutrino at MicroBooNE with BNB and NuMI beams	Sterile neutrinos
149	A1	David Rivera	Expanding the Neutron Program for DUNE	Accelerator neutrinos
150	B3	Adam Aurisano	NuGraph3: Towards Full LArTPC Reconstruction using GNNs	New technologies for neutrino physics
153	A4	Heng-Yu Chen	Single source for Neutrino and Quark Mixing	Theory of neutrino masses and mixing, Leptogenesis
157	A1	Jessie Micallef	Expanding DUNE's Machine Learning Framework with Multi-Detector Input for the 2x2 Demonstrator	Accelerator neutrinos
162	A3	Giuseppe Cerati	NuGraph2: A Graph Neural Network for Neutrino Event Reconstruction	New technologies for neutrino physics
167	A1	Nuno Barros	Calibrating DUNE – The Largest LArTPC Ever To Be Built	Accelerator neutrinos
172	A4	Di Zhang	Complete one-loop renormalization-group equations in the seesaw effective field theories	Theory of neutrino masses and mixing, Leptogenesis

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174	B4	Ricardo José Mota Peres	Real-time detection of Supernova Neutrinos in XENONnT	Supernova neutrinos
175	B1	Lucie Petit	Experimental proof of principle of the Neutrino Tagging technique at NA62	Accelerator neutrinos
178	B3	Brían Ó Fearraigh	Introducing a Simultaneous Track+Shower Reconstruction Algorithm, dedicated for KM3NeT/ORCA	New technologies for neutrino physics
185	B1	Polina Abratenko	Data-Driven Light Model for the MicroBooNE Experiment	Accelerator neutrinos
187	A1	Sergio Alves Garre	Searches for point-like and extended sources of cosmic neutrinos with the complete ANTARES dataset	Astrophysical neutrinos
191	A4	Juan García Méndez	Enhanced classification and reconstruction of single-line events in the ANTARES neutrino telescope using deep neural networks endowed with Transfer Learning	New technologies for neutrino physics
193	A3	Krystal Alfonso	CUORE analysis framework for 988 cryogenic calorimeters: Searching for neutrinoless double-beta decay of Te-130	Neutrinoless Double Beta Decay
194	B2	Ralph Massarczyk	From double to single beta decays – the search for the isomeric decay of 180mTa in the MAJORANA DEMONSTRATOR	Neutrinoless Double Beta Decay
195	B2	Maurizio Spurio	Time-integrated search for astrophysical neutrino emission with 2 years of KM3NeT/ARCA data	Astrophysical neutrinos
196	A4	Jiajun Liao	Super-light sterile neutrinos at Borexino and KamLAND	Sterile neutrinos
203	B4	Tristan Doyle	Characterising the Detector Response of the SuperFGD as part of the T2K Near Detector Upgrade	New technologies for neutrino physics
204	B4	Daniel Ferlewicz	Commissioning and calibration of the Super-FGD in the T2K experiment near detector upgrade	New technologies for neutrino physics
211	B2	Antonio Ambrosone	Stacking Search for Ultra-Luminous Infrared Galaxies with KM3NeT/ARCA Detector	Astrophysical neutrinos
212	B2	Papia Panda	Effect of torsion in long-baseline neutrino oscillation experiments	Neutrino oscillations
213	B2	Félix Bretaudeau	Search for high energy neutrinos in KM3NeT in coincidence with Fast Radio Bursts	Astrophysical neutrinos
216	A2	Elena Manao	Extending the IceCube Search for Astrophysical Neutrino Sources in the Northern Sky to 13 years of Data	Astrophysical neutrinos
218	B4	Antoine Beauchêne	Diffuse Supernova Neutrino Background: Insights from Super-Kamiokande & Prospects with Hyper-Kamiokande	Supernova neutrinos
223	A2	Yury Malyskin	JUNO Sensitivity to Neutrino Oscillation Parameters	Neutrino oscillations
224	A2	Luc Cerisy	Non unitary neutrino mixing with KM3NeT/ORCA	Neutrino oscillations
225	B2	BARBARA CAIFFI	Diffuse and point source search with KM3NeT/ARCA and ANTARES neutrino telescopes	Astrophysical neutrinos
226	C3	Claudia Brizzolari	Enhancing the LAr VUV Light Collectors of the DUNE Photon Detection System and of low background LAr based experiments.	New technologies for neutrino physics
228	C1	Denis Carabadjac	Recent frequentist T2K oscillation analysis results and Hyper-Kamiokande sensitivity to accelerator neutrino oscillations	Accelerator neutrinos
230	B2	Jose Cuenca Garcia	Cosmogenic background simulations for neutrinoless double beta decay with the DARWIN observatory at various underground sites	Neutrinoless Double Beta Decay
233	B1	Lucas Nascimento Machado	Neutrino Beam Simulations for the Hyper-Kamiokande experiment and target alternatives	Accelerator neutrinos
236	C3	Yang HAN	Reactor neutrino flux and spectrum measurements with Daya Bay full data set	Reactor neutrinos
237	C2	Zihao Bo	Measurement of two-neutrino double electron capture half-life of Xe-124 with the PandaX-4T detector	Neutrinoless Double Beta Decay



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247	C1	Ulysse Virginet	Track reconstruction in the HA-TPC of the upgraded near detector of T2K	Accelerator neutrinos
248	C2	Pedro Dedin Neto	Energy Dependence of Angular-Driven Flavor Instabilities in Dense Astrophysical Environments	Astrophysical neutrinos
249	A2	Per Arne Sevre Myhr	Astrophysical neutrino search at sub-GeV energies in IceCube	Astrophysical neutrinos
250	A3	Hualin Mei	The trigger and data acquisition system of the TRIDENT phase-I detector	New technologies for neutrino physics
251	C1	Wei Tian	Identifying astrophysical tau neutrinos with hDOM waveforms in TRIDENT	Astrophysical neutrinos
252	B1	Yeon-jae Jwa	Michel Electron Reconstruction Using a Novel Deep-Learning-Based Multi-Level Event Reconstruction in ICARUS	Accelerator neutrinos
253	B2	Emma van Nieuwenhuizen	LEGEND-1000 Overview	Neutrinoless Double Beta Decay
254	B2	Walid Idrissi Ibensalih	Model-Dependent and Independent Stacking Search for Seyfert Neutrino Emission with the KM3NeT/ARCA and ANTARES Detectors	Astrophysical neutrinos
256	A1	Gustavo Valdivieso	Modeling the X-ARAPUCA's thin-film dichroic filters using physics informed neural networks	Accelerator neutrinos
259	C4	Jacob Zettlemoyer	Evaluating the Effects of Detector Modeling Uncertainties on Sterile Neutrino Oscillation Sensitivities with the ICARUS Detector	Sterile neutrinos
260	A4	Anthony Onillon, Martin Descher	Tritium spectrum modeling for keV-sterile neutrino search with KATRIN	Sterile neutrinos
267	A1	Elise Hinkle	The 2x2 Demonstrator: Overview and Physics Goals with DUNE's First Neutrino Beam Data	Accelerator neutrinos
269	A3	Jorge Alberto Torres Espinosa	Reconstruction of muon events with the CUORE experiment	Neutrinoless Double Beta Decay
270	B1	Jeremy Atkinson	Recent FASER Results and Development of Neutrino Energy Reconstruction for the FASERnu Detector	Accelerator neutrinos
271	C4	Adam Lister	Improving NOvA's Sterile Neutrino Search with the Booster Neutrino Beam	Sterile neutrinos
273	A4	Chang Lee	MAGNETO-v: Neutrino Physics with Precision Pu-241 Decay Measurement	Sterile neutrinos
275	A4	In Wook Kim	Status of the BeEST Heavy Neutrino Search Experiment	Sterile neutrinos
276	C2	Tanmay Kumar Poddar	Probing new physics with astrophysical neutrinos	Astrophysical neutrinos
277	C1	Cesar Jesus-Valls	The WAGASCI-BabyMIND detector of the upgraded T2K experiment	Accelerator neutrinos
280	B1	Dae Heun Koh	Deep Learning applications for electron neutrino reconstruction in the ICARUS experiment.	Accelerator neutrinos
289	C2	Emilio Ciuffoli	NvDEx - A Se TPC detector for neutrinoless double beta decay	Neutrinoless Double Beta Decay
290	A3	Lorenzo Perisse	Bayesian Neural Network applied to Cherenkov event reconstruction	New technologies for neutrino physics
292	A2	Chien Lin	Neutrino Oscillation Global Fits with GAMBIT	Neutrino oscillations
293	B1	Julia Tena Vidal	First combined analysis of Transverse Kinematic Imbalance data with and without pion production constraints	Accelerator neutrinos
294	A4	Guofu Cao, Hanwen Wang	Silicon Interposer for nEXO Experiment: An Ultra-Low-Radioactivity Solution for the SiPM Photo-detector	New technologies for neutrino physics
297	A4	Tatjana Miletic	LiLAND - Lithium Electron Antineutrino Source at KamLAND	Sterile neutrinos
298	B1	Christoph Welling	Measuring the Flavor of UHE Neutrinos with PUEO	Astrophysical neutrinos
299	B2	鹤冲韩	Study of the cosmogenic background in Te-LS	Neutrinoless Double Beta Decay
306	B3	Alexander Leder	Simulation and Evaluation of Surface Effects on LEGEND-200 Detectors	Neutrinoless Double Beta Decay
309	B1	Amelia Camino	NA61/SHINE Hadron Production Measurements for Neutrino Oscillation Analyses	Accelerator neutrinos

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310	A2	Kaustav Dutta	Approximate Intrinsic Directional Resolution Limits in Low-Energy Cascade Reconstruction with IceCube Upgrade	Neutrino oscillations
315	A1	Srijan Sehgal	Recent ultra-high energy neutrino searches at the Pierre Auger Observatory	Astrophysical neutrinos
316	B2	Léna Osu	New features in the T2K Near Detector constraints for the Oscillation Analysis	Neutrino oscillations
317	A2	Olga Gileva	Low-background radiochemistry techniques for extremely rare-event physics detector	Neutrinoless Double Beta Decay
321	A2	Zhiyuan Chen	Daya Bay oscillation results with neutron capture by hydrogen	Neutrino oscillations
329	C4	Yong-Hamb Kim	LiFE-SNS: LiF Experiment for keV sterile neutrino search	Sterile neutrinos
338	C1	Sakiko Nishimori	Improved prediction of the T2K neutrino beam flux by estimation of hadronic secondary interactions in the cooling water of magnetic horns using measurement-based material modeling	Accelerator neutrinos
341	A4	Louis Bailly-Salins	First measurement of light sterile neutrino mixing parameters with KM3NeT/ORCA	Sterile neutrinos
343	A3	David Cintas González	Background simulations for CROSS experiment	Neutrinoless Double Beta Decay
347	C4	Arsenii Gavrikov, Vanessa Cerrone	Tagging Correlated Events in a Small-Scale Liquid Scintillator Detector	Reactor neutrinos
350	B2	Ewan Miller	Fitting T2K Near Detector Data using a Markov Chain Monte Carlo	Neutrino oscillations
353	C2	Toby Dixon	First results from the background model of the LEGEND-200 experiment	Neutrinoless Double Beta Decay
356	B2	Adam Aurisano, Anna Holin, Karol Lang	Results from the MINOS+ Experiment	Neutrino oscillations
357	B4	Isabel Astrid Goos	KM3NeT's sensitivity to the next core-collapse supernova	Supernova neutrinos
362	B3	Pau Novella	Searching for the neutrinoless double beta decay with NEXT-100	Neutrinoless Double Beta Decay
363	C2	Karlijn Kruiswijk	A neutrino emission model to calculate neutrino fluxes from pp and p $\gamma$ interactions for different Gamma Ray Bursts populations	Astrophysical neutrinos
369	C3	Davide Chiesa	Analysis of the evolution of the reactor antineutrino spectrum in the framework of the JUNO-TAO experiment	Reactor neutrinos
370	A1	Tamer Tolba	Search for the leptonic CP violation with the ESSnuSBplus project	Accelerator neutrinos
371	C1	Donglian Xu	The Status and Prospects of the TRIDENT Deep-sea Neutrino Telescope	Astrophysical neutrinos
374	B2	James Vincent Mead	TRIFORCE: a PTOLEMY project	Neutrino mass
375	B2	Massimo Mastrodicasa	The KM3NeT real-time analysis framework	Astrophysical neutrinos
376	A3	Vladyslav Berest	The CUPID Onbb experiment	Neutrinoless Double Beta Decay
377	B3	Pablo Herrero Gomez	BOLD: three strategies for detecting single Ba ions in NEXT using molecular indicators	Neutrinoless Double Beta Decay
378	B1	Laurence Cook	The Intermediate Water Cherenkov Detector for the Hyper-Kamiokande Experiment	Accelerator neutrinos
382	C3	Filip Konarik	Development of software for energy calibration of the SuperNEMO Detector	Neutrinoless Double Beta Decay
387	B1	Haruhi Fujimori	Momentum measurement in the FASERν detector in the LHC-FASER experiment	Accelerator neutrinos
388	A3	Mariia Buchynska	The CROSS demonstrator: structure, performance and physics reach	Neutrinoless Double Beta Decay
389	A1	William Dallaway	DUNE's Tau neutrino event reconstruction and selection strategies using graph neural networks	Accelerator neutrinos
391	B3	Karen Navarro	Advancements in Single Barium Ion Capture and Imaging for Barium Tagging Sensors in NEXT Neutrinoless Double Beta Decay Studies	Neutrinoless Double Beta Decay

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393	C4	Susanna Wakely	Simulations of the LiquidO-based CLOUD Inner Detecto	Reactor neutrinos
394	B1	Francesco Poppi	Cosmic background rejection of the ICARUS experiment at Fermilab	Accelerator neutrinos
397	C2	Cheryl Patrick	Measurement of the gamma background in Modane Underground Laboratory with SuperNEMO, and estimation of SuperNEMO's overall background levels	Neutrinoless Double Beta Decay
398	B1	Matthew Rosenberg	Identifying Neutrino Final States and Energies in MicroBooNE with New Deep-Learning Based LArTPC Reconstruction Frameworks	Accelerator neutrinos
400	B2	Will Thompson	Unlocking the Potential of Tau Neutrino Astronomy with TAMBO	Astrophysical neutrinos
402	B2	Andres Lopez Moreno	Are T2K's oscillation constraints robust under flavour-texture priors?	Neutrino oscillations
403	C1	Andrew Sutton, Miranda Rabelhofer	Medium Energy Neutron Detector Response in NOvA	Accelerator neutrinos
406	C1	Alexander Booth	Recent Advancements in Machine Learning Techniques Utilised in NOvA	Accelerator neutrinos
407	A4	Yifan Chen	Differentiable surrogate model for photon propagation in a liquid argon time projection chamber	New technologies for neutrino physics
408	A4	Gustavo Alves	Can SBND probe Lepton Flavor Violation?	Beyond Standard Model searches in the neutrino sector
409	C1	Tsunayuki Matsubara	Upgraded J-PARC neutrino beamline and prospects for further increase of beam power	Accelerator neutrinos
412	C4	Shota Izumiyama	Observation of distant reactor neutrino in Super-Kamiokande with gadolinium-loaded water	Reactor neutrinos
415	C1	Maria Martinez Casales, Michael Dolce	New RES and DIS uncertainties for NOvA cross-section model	Neutrino interactions
419	B3	Katharina Sophie Kilgus	Faithful Pulse Shape Analysis by using Feature Importance Supervision	Neutrinoless Double Beta Decay
420	A4	Beth Slater	Sterile Neutrino Oscillation Searches using the PRISM Technique within VALOR at SBND	Sterile neutrinos
423	B1	Marc Andre Jebramcik	Performance Optimization of a Short-Baseline Neutrino Beamline at CERN	Accelerator neutrinos
424	A1	Olga Sergijenko	Sensitivity of the Cherenkov Telescope Array Observatory to the gamma-ray emission from neutrino sources detected by IceCube	Astrophysical neutrinos
428	B2	Anna Reine	Modeling Backgrounds in the MAJORANA DEMONSTRATOR	Neutrinoless Double Beta Decay
430	B3	Leslie Rogers	Optical Time Projection Chamber for the Realization of a Ton-Scale Neutrinoless Double Beta Decay Demonstrator	Neutrinoless Double Beta Decay
434	B3	Miguel Angel Hernandez Morquecho	Measurements of Pion and Muon Nuclear Capture at Rest on Argon in the LArIAT Test Beam Experiment	New technologies for neutrino physics
435	B3	Gina Grünauer	Muon Veto of the LEGEND Experiment	Neutrinoless Double Beta Decay
439	B4	Alice Campani	Track vs shower discrimination in the event reconstruction of the ICARUS experiment	New technologies for neutrino physics
441	B4	Christoph Seibt	Exploring position reconstruction of HPGe detector events in LEGEND with a deep neural network	New technologies for neutrino physics
445	A2	Ignacio Taboada	Search for 10-1,000 GeV neutrinos from GRBs, including the very bright GRB 221009A	Astrophysical neutrinos
447	A4	Devin Cesmecioglu	Photo-induced Charge Calibration R&D for nEXO	New technologies for neutrino physics
449	B3	George Marshall	Performance of the Active Background Suppression of LEGEND-200 and Background Index	Neutrinoless Double Beta Decay
450	B2	Ben Jargowsky, Liudmila Kolupaeva	Bayesian Fit for the NOvA Three Flavor Oscillation Analysis	Neutrino oscillations



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451	C2	Miroslav Macko	The SuperNEMO Demonstrator: a unique technology for high-precision measurements of $\beta\beta$ -decay modes	Neutrinoless Double Beta Decay
452	C1	Carlos Argüelles Delgado	Neutrinos in Lake Geneva: Measuring the LHCb Forward Neutrino Flux with Large-Scale Detectors	Accelerator neutrinos
456	C1	Andrew Dye, Luiz R. Prais	Determination of the neutrino oscillation parameters through the unified approach of Feldman and Cousins by the NOvA Experiment	Accelerator neutrinos
457	B4	Jakub Stacho	Sedimentation and Biological Fouling at the future site of the Pacific-Ocean Neutrino Experiment	New technologies for neutrino physics
461	B3	Ann-Kathrin Schuetz	Machine learning based design optimization for the search of neutrinoless double-beta decay with LEGEND	Neutrinoless Double Beta Decay
463	C1	Kathryn Sutton	Results from the Joint NOvA-T2K Analysis	Accelerator neutrinos
469	B4	Jimmy Tarrillo	Advancements in Data Acquisition and Synchronization Systems for the TAMBO Experiment	New technologies for neutrino physics
471	B4	Cristian Roca Catala, Nathaniel Bowden	A $^6\text{Li}$ -doped pulse shape sensitive plastic scintillator for reactor antineutrino detection	New technologies for neutrino physics
474	A3	Antoine Armatol	Development of NTL light detectors for the CUPID $0\nu 2\beta$ experiment	New technologies for neutrino physics
475	C4	Haejun Stella Oh	Constraining Cross Section and Beam Systematics for Future NOvA Sterile Neutrino Search	Sterile neutrinos
478	B3	Marie Vidal	Neutrinoless double decay with the nEXO experiment	Neutrinoless Double Beta Decay
479	B2	Alexander Kyriacou	Seasonal variation of in-ice radio emission from neutrinos due to fluctuating ice density	Astrophysical neutrinos
482	A2	Purushottam Sahu	Neutrinoless double beta decay in a left-right symmetric model with a double seesaw mechanism	Neutrinoless Double Beta Decay
483	C4	James Page	Event by Event classification of alpha-n and IBD Interactions at SNO+	Reactor neutrinos
484	C1	Adrien Blanchet	GUNDAM: a pioneering universal tool for long-baseline neutrino oscillation experiments	Accelerator neutrinos
486	C4	Yee Bob Hsiung	Neutron Capture Cross Section Measurement on Carbon via Inverse Beta Decay in Daya Bay Reactor Antineutrino Experiment	Reactor neutrinos
487	C4	Leon Pickard	EOS: a demonstrator of hybrid optical neutrino detector technology	Reactor neutrinos
488	C4	Chengzhuo Yuan	First measurement of the yield of $^8\text{He}$ isotopes produced in liquid scintillator by cosmic-ray muons at Daya Bay	Reactor neutrinos
489	A3	Pia Loaiza	Results from the CUPID-Mo Experiment	Neutrinoless Double Beta Decay
492	A3	Sachintha Wagaarachchi	Neutrinoless double beta decay search using CUORE dual-Site events	Neutrinoless Double Beta Decay
501	A3	Pia Loaiza	Backgrounds of the CUPID experiment	Neutrinoless Double Beta Decay
507	C1	Matteo Feltre	Commissioning of High Angle Time Projection Chambers for T2K ND Upgrade	Accelerator neutrinos
511	B2	Ilaria Del Rosso	Results of the follow-up of external triggers with KM3NeT	Astrophysical neutrinos
513	C1	Sarah Louise Mancina	The gamma-ray follow-up platform in IceCube for identifying astrophysical neutrino flares in realtime	Atmospheric neutrinos
524	A3	Yoomin Oh	Pile-up rejection for AMoRE-II	Neutrinoless Double Beta Decay
537	A1	Luigi Antonio Fusco	Search for a diffuse flux of cosmic neutrinos with the complete ANTARES dataset	Astrophysical neutrinos
545	C3	Hans Th. J. Steiger, Meishu Lu	Scintillation and Cherenkov Light Separation in Novel Liquid Scintillators for Large Scale Neutrino Detectors	Neutrinoless Double Beta Decay
546	C3	Michele Morella, Raoul Cesarano	Atmospheric Argon Instrumentation for LEGEND-1000 at LNGS	Neutrinoless Double Beta Decay
551	A2	Kayla Leonard DeHolton	Sensitivity of the IceCube Upgrade to Atmospheric Neutrino Oscillations	Neutrino oscillations

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552	A3	Samantha Pagan	Low Energy Analyses with CUORE and a Search for Solar Axions	Neutrinoless Double Beta Decay
561	A2	Christoph Raab	Search for GeV counterparts to high-energy IceCube neutrinos	Astrophysical neutrinos
563	C2	Jose Carpio	Characterizing High-Energy Neutrino Emission Parameters in Bright Seyfert Galaxies and Quasars	Astrophysical neutrinos
564	C1	Quoc Viet Nguyen	The innovative Super-Fine Grained Detector (Super-FGD) for T2K and its front-end readout architecture	Accelerator neutrinos
571	C1	Annika Hollnagel	LS-SBT: The Liquid Scintillator-Surrounding Background Tagger of BDF/SHiP at the CERN SPS	Accelerator neutrinos
576	C2	Kiara Carloni	A New Map of Neutrino Emission in Our Galaxy with CRPropa	Astrophysical neutrinos
581	C2	Benjamin Tam, Szymon Manecki	The SNO+ Tellurium Deployment Programme	Neutrinoless Double Beta Decay
587	C3	Jiangmei Yang	A 3D field response simulation for pixelated charge readout in LArTPC	New technologies for neutrino physics
591	B2	Max Joseph Fahn	Understanding gravitationally induced decoherence parameters in neutrino oscillations using a microscopic quantum mechanical model	Neutrino oscillations
593	B4	Cal Hewitt, Mark Anderson	Machine learning for fast event reconstruction in the SNO+ scintillator phase	New technologies for neutrino physics
595	A4	Felix Yu	Enhancing Events in Neutrino Telescopes through Deep Learning-Driven Super-Resolution	New technologies for neutrino physics
601	A1	Abby Bishop	Progress Towards Measuring the Ultra-High Energy Neutrino Flux with the Askaryan Radio Array	Astrophysical neutrinos
602	A3	Mattia Beretta	Improving scintillating cryogenic calorimeters for the search of rare events	Neutrinoless Double Beta Decay
605	B4	Nick Prouse	Empowering the next generation of neutrino experiments through measurements at the Water Cherenkov Test Experiment	New technologies for neutrino physics
609	A2	Carsten Rott	Advances towards the IceCube-Gen2 Neutrino Observatory	Astrophysical neutrinos
611	A4	Fernanda Psihas	Doped LAr as a Platform for Low-Energy Physics	New technologies for neutrino physics
616	B3	Ian Guinn	The MAJORANA DEMONSTRATOR's search for double beta decay of $^{76}\text{Ge}$ to excited states of $^{76}\text{Se}$	Neutrinoless Double Beta Decay
622	B2	Jeffrey Lazar	Simulation Status of the Tau Air-Shower Mountain-Based Observatory	Astrophysical neutrinos
623	B3	Brennan Hackett	Improving Background Suppression in LEGEND with the Novel Scintillating Material, PEN	Neutrinoless Double Beta Decay
625	C3	Federico Galizzi, Laura Pérez-Molina	Efficiency of the Photon Detection System in DUNE Far Detectors	New technologies for neutrino physics
628	A4	Alexandra Trettin, Fan Gao	Low Energy Excess and New Physics Searches with MicroBooNE	Beyond Standard Model searches in the neutrino sector
629	C2	Benjamin Schmidt	BINGO: Investigation of the Majorana nature of neutrinos at the few meV level of the neutrino mass scale	Neutrinoless Double Beta Decay
630	B2	Lukas Berns, Zhenxiong Xie	First joint analysis of Super-Kamiokande atmospheric and T2K accelerator neutrino data	Neutrino oscillations
631	C3	Nina Burlac	Liquid Argon Instrumentation for Background Suppression in LEGEND-200 Experiment	Neutrinoless Double Beta Decay
632	C2	Alessandro Veutro, Maria Rosaria Musone	GNNs applications in KM3NeT/ARCA	Astrophysical neutrinos
633	A1	Luigi Antonio Fusco	All-sky and Galactic Ridge diffuse astrophysical neutrino flux search with KM3NeT/ARCA6-8-19-21 data	Astrophysical neutrinos
634	A4	Stefan Soldner-Rembold	Dark sector searches with the MicroBooNE detector	Beyond Standard Model searches in the neutrino sector
636	C3	Andrew Furmanski	Measuring neutrino-induced neutrons in the MicroBooNE LArTPC	New technologies for neutrino physics
637	B4	Andrew Santos, Masayuki Harada, Yuki Kanemura	New limits on the low-energy astrophysical electron antineutrinos at SK-Gd experiment	Supernova neutrinos



ID	Sector	Presenters	Title	Track
638	C3	Anna Ershova, Christine Quach	Enhanced Event Reconstruction at Hyper-Kamiokande and WCTE using Graph Neural Networks	New technologies for neutrino physics