

Monday 25 August

14:00

Neutrino Physics and Astrophysics: parallel session 1A

Session | Location: North Hall #1

14:00-14:20

Latest KamLAND-Zen results and the impact of muon spallation on the 0 search

Speaker

Kelly Weerman

14:20-14:40 The CUORE experiment: current status and road ahead

Speaker

Alice Campani

14:40-15:00

Search for Neutrinoless Double-Beta Decay in $^{7}{76}$ Ge with the LEGEND experiment at Gran Sasso

Speaker

Alberto Garfagnini

15:00-15:20 Status of the SuperNEMO Demonstrator and First Physics Data

Speaker

Xalbat Aguerre

15:20-15:40 The CUPID neutrinoless double-beta decay experiment

Speaker

Irene Nutini

15:40 14:00

Neutrino Physics and Astrophysics: parallel session 1B

Session | Location: North Hall #2

14:00-14:20 Double Chooz Single-Detector Physics Results

Speaker

Philipp Soldin

14:20-14:40

Recent Results from MicroBooNE's Search for a Low-Energy-Excess Anomaly under the Electron Hypothesis and additional BSM Studies

Speaker

Xiangpan Ji

14:40-15:00

New results from MicroBooNE's search for a Low-Energy-Excess anomaly in the photon and e+e- channels

Speaker

Xiao Luo

15:00-15:20

The latest reactor neutrino oscillation results and reactor neutrino flux and spectrum measurement results from Daya Bay

Speaker

Zhe Wang

15:20-15:40 Precision Neutrino Physics: Status and Outlook in the 3ν Paradigm

Speaker

Antonio Marrone

16:00

15:40

Neutrino Physics and Astrophysics: parallel session 2A

Session | Location: North Hall #1

16:00-16:20

Search for Neutrinoless Double-Beta Decay of Xe-136 with the PandaX-4T Detector

Speaker

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16:20-16:40

Design and prospect of the CDEX-300 neutrinoless double beta decay experiment

Speaker

Wenhan Dai

16:40-17:00 AMoRE-II construction status

Speaker

SeungCheon Kim

17:00-17:20 R&D program for neutrinoless double beta decay search at JUNO

Speaker

Gaosong Li

17:20-17:40

AXEL: high-pressure Xe gas TPC for neutrinoless double beta decay search

Speaker

Junya Hikida

17:40-18:00

Toward a background-free ton-scale $0\nu\$ beta bolometric experiment: Status and Prospects of BINGO

Speaker

Claudia Nones

18:00-18:20 New physics in Neutrinoless double beta decay

Speaker

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18:20 16:00

Neutrino Physics and Astrophysics: parallel session 2B

Session | Location: North Hall #2

16:00-16:20 LHC Neutrino Physics at the FASER Experiment

Speaker

Tomohiro Inada

16:20-16:40

The FLArE Experiment at the Forward Physics Facility for High Energy Neutrino and Dark Matter Searches at LHC

Speaker

Wenjie Wu

16:40-17:00

Neutrino Physics with the SND@LHC Experiment

Speaker

Onur Durhan

17:00-17:20

IceCat-2: An Updated Catalog of High-Energy Neutrino Alerts from IceCube

Speaker

Nora Valtonen-Mattila

17:20-17:40

IceCube Search for MeV Neutrinos from Mergers using Gravitational Wave Catalogs

Speaker

Nora Valtonen-Mattila

17:40-18:00

Investigating Neutrino Emission from Gamma-Ray (Galactic) Sources with KM3NeT/ARCA and ANTARES

Speaker

Vittorio Parisi

18:00-18:20 Detection of a Muon Burst Coincident with KM3-230213A

Speaker

Francesco Nozzoli

Tuesday 26 August

14:00

Neutrino Physics and Astrophysics: parallel session 3A

Session | Location: North Hall #1

14:00-14:20

A study of neutrinoless double electron capture of $^{40}\mathrm{Ca}$ with the AMoRE-I experiment

Speaker

Bijaya Sharma

14:20-14:40

Benchmarking 0 $\beta\beta$ -decay nuclear matrix elements with the MONUMENT Experiment

Speaker

Elizabeth Mondragón

14:40-15:00

Detector response study of cryogenic scintillating Li $$_2MoO_4$$ detectors for next generation $$0\n \$ search

Speaker

Benjamin Schmidt

15:00-15:20

High-precision study of $2\nu\beta\beta$ of \$^{130}\$Te from the CUORE experiment

Speaker

Stefano Dell'Oro

15:20-15:40

Improving the sensitivity to effective Majorana mass with combined analysis of multiple $0\nu\beta\beta$ transitions in large xenon detectors

Speaker

畬 韩

15:40 14:00

Neutrino Physics and Astrophysics: parallel session 3B

Session | Location: North Hall #2

14:00-14:20

Solar neutrino results with the full data period until Super-Kamiokande-IV

Speakers

Benda Xu, Yiyang Wu

14:20-14:40

Measurement of Solar Boron-8 Neutrinos via Coherent Elastic Neutrino-Nucleus Scattering with XENONnT

Speaker

Ms Kexin Liu

14:40-15:00 Progress of solar pp neutrino search with XENONnT

Speaker

Prof. Jingqiang Ye

15:00-15:20

Measuring 40Ar-solar neutrino charged-current interactions in the DEAP-3600 dark matter detector

Speaker

Shawn Westerdale

15:20-15:40

Search for neutron decay into an antineutrino and a neutral kaon in Super-Kamiokande

Speaker

Koki Yamauchi

15:40 16:00

Neutrino Physics and Astrophysics: parallel session 4A

Session | Location: North Hall #1

16:00-16:20

The Way Forward for Neutrinoless Double Beta Decay Using Liquid Xenon

Speaker

David Sinclair

16:20-16:40 Search for Double Beta Plus Decays with NuDoubt++

Speaker

Stefan Schoppmann

16:40-17:00

Sensitivity of the CUPID experiment to \$0\nu\beta\beta\$ decay of \$^{100}\$Mo

Speaker

Pia Loaiza

17:00-17:20 Status of the NvDEx experiment

Speaker

Dr Hao Qiu

17:20-17:40 The NEXT-100 experiment

Speaker

Samuele Torelli

17:40-18:00 CUPID-CJPL: a cryogenic bolometer testbed

Speakers

Hao Chen, Long Ma

18:00-18:20 Search for Double Beta Decay Modes of 134Xe with EXO-200 Phase-II

Speakers

Gaosong Li, Thomas Brunner

18:20 16:00

Neutrino Physics and Astrophysics: parallel session 4B

Session | Location: North Hall #2

16:00-16:20 Physics potential of detecting solar neutrinos at JUNO

Speaker Marco Beretta 16:20-16:40 Research and Development of Jinping Neutrino Experiment Speaker Dr Wentai Luo 16:40-17:00 Detecting Solar Neutrinos and Fermionic Dark Matter with \$^{136}\$Xe in nEXO Glenn Richardson 17:00-17:20 Detecting Solar neutrinos with the CYGNO gas TPC Speaker Samuele Torelli 17:20-17:40 Testing the Gallium Anomaly Without Using Gallium Detectors Speaker Emilio Ciuffoli 17:40-18:00 Imaginarity in Neutrino Systems: A Resource-Theoretic Perspective Speaker Neetu Raj Singh Chundawat

Wednesday 27 August

14:00

Neutrino Physics and Astrophysics: parallel session 5A

Session | Location: North Hall #1 | Convener: Henry Wong

14:00-14:20

First observation of reactor antineutrinos by coherent scattering with CONUS+

Speaker

Manfred Lindner

14:20-14:40 Experiment nuGeN at Kalinin NPP. Status and latest results.

Speaker

Alexey Lubashevskiy

14:40-15:00

New Limits on Neutrino-Nucleus Elastic Scattering at Kuo- Sheng Nuclear Reactor

Speaker

Dr Manoj Kumar Singh

15:00-15:20

Status and recent results from the CONNIE experiment with Skipper-CCDs

Speaker

Alexis Armando Aguilar-Arevalo

15:20-15:40

New results from the commissioning of the NUCLEUS experiment at the Technical University of Munich

Speaker

Elisabetta Bossio

15:40 14:00

Neutrino Physics and Astrophysics: parallel session 5B

Session | Location: North Hall #2

14:00-14:20

Prospects for detecting fast-time features in the neutrino lightcurve of nearby supernovae in neutrino telescopes

Speaker

Jakob Beise

14:20-14:40

Towards imaging Earth's large-scale structures by directional geoneutrino detection with Ocean Bottom Detector

Speaker

Zhihao Xu

14:40-15:00

Dissecting the diffuse supernova neutrino background flux over wide energy range in upcoming era

Speaker Yosuke Ashida 15:00-15:20 The TeV astrophysics of the Sun Speaker Prof. Kenny Chun Yu Ng 15:20-15:40 Power reactor monitoring with antineutrinos by the DANSS detector Speaker **Dmitry Svirida** 15:40 16:00 **Neutrino Physics and Astrophysics: parallel session 6A** Session | Location: North Hall #1 16:00-16:20 RED-100: Results and status Speaker Ekaterina Kozlova 16:20-16:40 First performance of the Ricochet experiment at ILL Speaker Valentina Novati 16:40-17:00 Status and prospects of the CICENNS Experiment Speaker Xiang Xiao 17:00-17:20 Progress of CryoCsI detector R&D from COHERENT Speaker 苏 横浜 17:20-17:40 Status and prospects of RECODE program with PPC Germanium detector Speaker Yufeng Wang 17:40-18:00 **RELICS: Search for Coherent Elastic Neutrino-Nucleus Scattering from reactor** neutrinos using LXeTPC **Speaker** jiachen yu 18:00-18:20 Status of Neutrino-Nucleus Scattering Observations in the NEON Experiment Speaker Seo Hyun Lee 18:20-18:40 Non-Standard Neutrino Interactions with Coherent Elastic Neutrino-Nucleus Scattering at TEXONO **Speaker** Sevgi Karadağ

16:00

Neutrino Physics and Astrophysics: parallel session 6B

Session | Location: North Hall #2

16:00-16:20 Updated background simulation and detector design for AMoRE-II

Speaker

Eunju Jeon

16:20-16:40

OPOSSUM - Optimal Particle identification Of Single Site events with Underground

Speaker

andrei puiu

16:40-17:00 Search for double electron capture in Sn-112 using gamma-ray TES

Speaker

Atsuto Takeuchi

17:00-17:20

Study of Li2MoO4 and Na2Mo2O7 crystals for 100Mo neutrinoless double beta decay search with cryogenic bolometers:

Speaker

Mr Deyong Duan

17:20-17:40 The CROSS demonstrator: structure, performance and physics reach

Speaker

Dr Andrea Giuliani

17:40-18:00

Calculation and comparison of sensitivities in \$0\nu\beta\beta\$ experiments based on key parameters

Speaker

Xiao Yu

Thursday 28 August

14:00

Neutrino Physics and Astrophysics: parallel session 7A Session | Location: North Hall #1 14:00-14:20 The SAND detector of the DUNE experiment Denise Casazza 14:20-14:40 The Short-Baseline Near Detector at Fermilab Speaker Thomas Wester 14:40-15:00 Commissioning of the JUNO detector Speaker Iwan Morton-Blake 15:00-15:20 Status and Prospect of JUNO-TAO Speaker Ruhui Li 15:20-15:40 Development of the calibration sources for the JUNO experiment Speaker Akira Takenaka

15:40

14:00

Neutrino Physics and Astrophysics: parallel session 7B Session | Location: North Hall #2 14:00-14:20 Update on the ECHo Experiment Speaker Raghav Pandey 14:20-14:40 Status of the Ptolemy project Speaker Dr Nicola Rossi 14:40-15:00 The first neutrino mass measurement of HOLMES experiment Speaker Dr Sara Gamba 15:00-15:20 Technologies for a Future Neutrino Mass Experiment with Tritium Speaker Neven Kovac 15:20-15:40 Helicity-changing decays of relic neutrinos and detections in PTOLEMY-like experiments

15:40

SpeakerJihong Huang

16:00

Neutrino Physics and Astrophysics: parallel session 8A

Session | Location: North Hall #1

16:00-16:20 The Status and Perspectives of GRAND

Speaker

Guoyuan Huang

16:20-16:40 Recent results from Baikal-GVD

Speaker

Dmitry Zaborov

16:40-17:00 TRIDENT: Advancing Future Deep-sea Neutrino Observatory

Speaker

Xin Xiang

17:00-17:20

Sensitivity for ultra-high-energy neutrinos with the Radio Neutrino Observatory in Greenland (RNO-G)

Speaker

Jethro Stoffels

17:20-17:40 High-energy neutrinos from low-luminosity gamma-ray bursts

Speaker

Bing Theodore Zhang

17:40-18:00 Status and Prospects of the TRIDENT Neutrino Telescope

Speaker

Iwan Morton-Blake

18:00 16:00

Neutrino Physics and Astrophysics: parallel session 8B

Session | Location: North Hall #2

16:00-16:20

Impact of coherent scattering on relic neutrinos boosted by cosmic rays

Speaker

Jiajun Liao

16:20-16:40

Searching for sterile neutrinos at the keV scale with the KATRIN experiment

Speaker

Andrea Nava

16:40-17:00

Probing new light particles in tritium beta decay with the KATRIN experiment

Speaker

Joscha Lauer

17:00-17:20 Latest Constraints on Sterile Neutrinos from the KATRIN Experiment

Speaker
Shailaja Mohanty

17:20-17:40
Search for keV-Scale Sterile Neutrinos via \$^3\$H Beta Decay in LiF Crystals
Speaker
Dr KyungRae Woo

17:40-18:00
Searches for New Physics in the DANSS Experiment
Speaker
Igor Alekseev

18:00-18:20
Testing the Gallium neutrino anomaly with CEvNS?
Speaker
Giovanni Benato