

Sunday 23 July

13:00

Neutrino Parallel: Neutrino 1

Session | Location: UPPER FRASER L FA056 | Convener: Hiro Tanaka

13:00-13:15 Overview on neutrino electromagnetic properties

Speaker

Prof. Alexander Studenikin

13:15-13:30

Limiting the effective magnetic moment of Solar neutrinos with the Borexino detector

Speakers

Livia Ludhova, Prof. Livia Ludhova

13:30-13:45 Atomic Many-Body Effects in Neutrinos and Dark Matters Detection

Speaker

Mr Chih-Pan Wu

13:45-14:00

Flavor evolution in astrophysical environments and nonlinear feedback

Speaker

Amelie Chatelain

14:00-14:15 Local density of relic neutrinos with minimal mass

Speaker

Sergio Pastor

14:15-14:30 Sensitive search for double electron capture on 124Xe in XMASS

Speaker

Katsuki Hiraide

14:30-14:45 Search for the Two Neutrino Double Electron Capture with XENON1T

Speaker

Mr Alexander Fieguth

14:45-15:00 NO TALK

15:00 15:30

Neutrino Parallel: Neutrino 2

Session | Location: UPPER FRASER L FA056 | Convener: Jeanne Wilson-Hawke

15:30-15:45 Status of the SNO+ Experiment

Speaker

Erica Caden

15:45-16:00 First results of CUPID-0

Speaker

Dr Stefano Pirro

16:00-16:15 Initial Results from the MAJORANA DEMONSTRATOR

Speaker

Thomas Caldwell

16:15-16:30 The NEXT experiment for neutrinoless double beta decay searches

Speaker

Ander Simón Estévez

16:30-16:45

Latest results from NEMO-3 and commissionning status of SuperNEMO

Mr Thibaud LE NOBLET

16:45-17:00

Discovery probability of next-generation neutrinoless double-beta decay experiments

Speaker

Dr Giovanni Benato

17:00-17:15 nEXO: a tonne-scale next-generation double-beta decay experiment

Speaker

Ryan MacLellan

17:15-17:30 NO TALK

Monday 24 July

13:30

Neutrino Parallel: Neutrino 3

Session | Location: FA055 and FA056 | Convener: David Sinclair

13:30-13:45

Investigation of double beta decay of 58Ni at the Modane Underground Laboratory

Speaker

Ekaterina Rukhadze

13:45-14:00

The Large Enriched Germanium Experiment for Neutrinoless Double Beta Decay (LEGEND)

Speaker

John Wilkerson

14:00-14:15

Neutrino-less double beta decay of 48 Ca studied by CaF $_{2}$ (pure) scintillators

Speaker

Dr Saori Umehara

14:15-14:30 Spectral analysis for the MAJORANA DEMONSTRATOR experiment

Speaker

Dr Lukas Hehn

14:30-14:45 The neutrino mass experiment KATRIN

Speaker

Florian Fraenkle

14:45-15:00 The Electron Capture in \$^{163}\$Ho Experiment

Speakers

Dr Stephan Scholl, for the ECHo Collaboration

15:00-15:15 Overview of Project 8 and Progress Towards Tritium Operation

Speaker

Dr Walter Pettus

15:15-15:30

Rare Low-Energy Event Searches with the MAJORANA DEMONSTRATOR

Speaker

Ms Gulden Othman

15:30 16:00

Neutrino Parallel: Neutrino 4

Session | Location: FA055 and FA056 | Convener: Clarence Virtue

16:00-16:15 Three-flavour neutrino oscillations and beyond

Speaker

Mariam Tórtola

16:15-16:30 New Measurement of Atmospheric Neutrino Oscillations with IceCube

Speaker

Tyce DeYoung

16:30-16:45

Testing the Neutrino Mass Ordering with Multiple Years of IceCube/DeepCore

Martin Leuermann, Martin Leuermann

16:45-17:00 Searches for Tau Neutrino Appearance in IceCube-DeepCore

Speaker

Michael Larson

17:00-17:15 Neutrino Oscillation Physics with IceCube Gen2/Phase1

Speaker

Ken Clark

17:15-17:30 The ICARUS detector

Speaker

daniele gibin

17:30-17:45

More results from the OPERA experiment

Speaker

Nicoletta Mauri

17:45-18:00

The latest T2K results on neutrino oscillations and neutrino-nucleus interactions

Speaker

Dr Mark Scott

Tuesday 25 July

Neutrino Parallel: Neutrino 5
Session | Location: FA055 and FA056 | Convener: Chris Jillings

13:00-13:15 Recent results from NOvA

Speaker
Kirk Bays

13:15-13:30

13:00

CAPTAIN: Current Neutron and Future Stopped Pion Neutrino Measurements

Speaker Lisa Whitehead

13:30-13:45 Hyper-Kamiokande

Speaker Hidekazu TANAKA

13:45-14:00 The 2nd Hyper-Kamiokande detector in Korea

Speaker Seon-Hee Seo

14:00-14:15 The Hyper-K near detector programme

Speaker

Dr Jeanne Wilson

14:15-14:30 Sensitivity of the DUNE Experiment to CP Violation

Speaker

Lisa Whitehead

14:30-14:45 Measurements of the Neutrino Flux Using the DUNE Near Detector

Speaker

James Robert Sinclair

14:45-15:00 The Monte Carlo simulation of the Borexino detector

Speaker

15:00

Simone Marcocci

15:30 **Neutrino Parallel: Neutrino 6**

Session | Location: FA055 and FA056 | Convener: Chris Jillings

15:30-15:45 Recent Solar neutrino Results from Super-Kamiokande

Speaker

Yuuki Nakano

15:45-16:00 The Super-Kamiokande Gadolinium Project

Speaker

Hiroyuki Sekiya

16:00-16:15 Solar neutrino flux at keV energies

Speaker

Mr Edoardo Vitagliano

16:15-16:30 Astroparticle Physics in Hyper-Kamiokande

Speaker

Dr Takatomi Yano

16:30-16:45 Supernova Neutrinos at the DUNE Experiment

Speaker

Amanda Weinstein

16:45-17:00 Recent Results from the ANTARES Neutrino Telescope

Speaker

Vincent Bertin

17:00-17:15

The Diffuse Supernova Neutrino Background: an update on the theory and detection prospects

Speaker

Dr Cecilia Lunardini

17:15-17:30 Scanning the Earth with solar neutrinos and DUNE

Speaker

Ara Ioannisyan

Wednesday 26 July

13:00

Neutrino Parallel: Neutrino 7

Session | Location: FA055 and FA056 | Convener: Thierry Lasserre

13:00-13:15 Latest Results from Double Chooz

Speaker

Ralitsa Sharankova

13:15-13:30 New Results from RENO

Speaker

Seon-Hee Seo

13:30-13:45 Recent results of Daya Bay Reactor Neutrino Experiment

Speaker

Haoqi Lu

13:45-14:00

PROSPECT: The Precision Reactor Oscillation and Spectrum Experiment

Speaker

Dr Karsten Heeger

14:00-14:15 Status of JUNO

Speaker

Dr Zhimin WANG

14:15-14:30

Neutrino geoscience and reactor monitoring with direction-sensitive detectors

Speaker

Michael Leyton

14:30-14:45 Crustal geoneutrino signal expected at SNO+

Speaker

Dr Marica Baldoncini

14:45-15:00 Non-Standard Interactions: oscillation versus scattering data

Speaker

Pilar Coloma

15:00 15:30

Neutrino Parallel: Neutrino 8

Session | **Location:** FA055 and FA056 | **Convener:** Jeanne Wilson-Hawke

15:30-15:45

The SoLid experiment: Search for sterile neutrinos at the SCK•CEN BR2 reactor

Speaker

Luis MANZANILLAS

15:45-16:00 Search for light sterile neutrinos with the CeSOX experiment

Speaker

Mr Thierry Lasserre

16:00-16:15 Status of the DANSS project: in pursuit of a light sterile neutrino

Speaker

Dr Yury Shitov

16:15-16:30 Search for eV Sterile Neutrinos - The Stereo Experiment

Speaker

Stefan Schoppmann

16:30-16:45

Secret interactions for sterile neutrinos and cosmological implications

Speaker

Dr Ninetta Saviano

16:45-17:00

The sterile neutrino: a combined view of cosmological limits with oscillation searches

Speaker

Jack Elvin-Poole

17:00-17:15

Updates on atmospheric neutrino and proton decay results in Super-Kamiokande

Speaker

Dr Kimihiro Okumura

17:15-17:30 Measuring the neutrino mass hierarchy with KM3NeT/ORCA

Speaker

Jannik Hofestädt