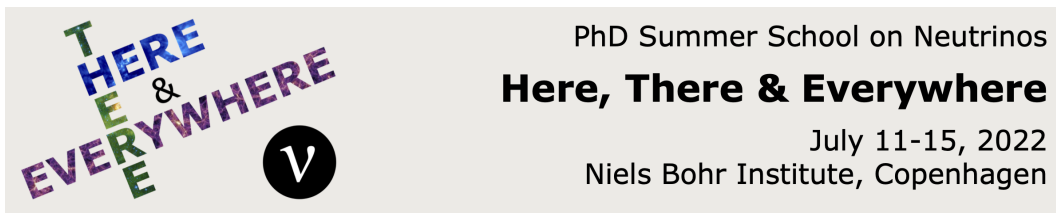


Session Program

Jul 11 - 15, 2022



NBIA Summer School on Neutrinos: Here, There & Everywhere

Student Talks

Niels Bohr Institute, Auditorium A
Blegdamsvej 17 DK-2100 Copenhagen

Mon, July 11

2:00 PM

Student Talks

Session | Location: NBI, Auditorium A

2:00 - 2:12 PM **Deciphering Cosmic Neutrinos**

Speaker

Kathrine Mørch Groth

2:12 - 2:24 PM **Lepto-hadronic modelling of TXS0506+056 blazar**

Speaker

Sunanda .

2:24 - 2:36 PM

IceCube Search for High-Energy Neutrinos from Obscured Sources in the Great Observatories All-Sky LIRG Survey (GOALS)

Speaker

Yarno Merckx

2:36 - 2:48 PM

Rapid Response to Extraordinary Events: the Gamma-Ray Follow Up (GFU) platform for IceCube

Speaker

Caterina Boscolo Meneguolo

2:48 - 3:00 PM

Constraining very high energy diffuse gamma (and neutrino) emission with Tibet AS γ data.

Speaker

Vittoria Vecchiotti

3:00 PM

Tue, July 12

2:00 PM

Student Talks

Session | Location: NBI, Auditorium A

2:00 - 2:12 PM **Prospects of neutrino oscillation physics with JUNO**

Speaker

Beatrice Jelmini

2:12 - 2:24 PM

Impact of Wave Packet Separation in Low-Energy Sterile Neutrino Searches

Speaker

Toni Bertólez Martínez

2:24 - 2:36 PM

HNL Searches in IceCube: Current Status and Future Opportunities

Speaker

Julia Book

2:36 - 2:48 PM

Dark Matter decay to neutrinos

Speaker

Diyaselis Delgado

2:48 - 3:00 PM

Reparameterisations of the neutrino mixing matrix in long-baseline analysis

Speaker

Andres Lopez Moreno

3:00 PM

Wed, July 13

2:00 PM

Student Talks

Session | Location: NBI, Auditorium A

2:00 - 2:12 PM

Self-confinement of low-energy cosmic rays around supernova remnants

Speaker

Hanno Jacobs

2:12 - 2:24 PM

Collective Effect in Supernova Neutrinos

Speaker

Pedro Dedin Neto

2:24 - 2:36 PM

Exploiting a future galactic supernova to probe neutrino magnetic moments

Speaker

Yago Philippe Porto Silva

2:36 - 2:48 PM

CORSIKA simulation for massive quarks in hadronic showers

Speaker

Bhanu Pant

2:48 - 3:00 PM

Machine-learning aided experimental design for P-ONE

Speaker

Janik Pröttung

3:00 PM

Thu, July 14

2:00 PM

Student Talks

Session | Location: NBI, Auditorium A

2:00 - 2:12 PM **Can Neutrinos 'save' Early Dark Energy?**

Speaker

Alexander Reeves

2:12 - 2:24 PM

Neutrino Masses, Leptogenesis and Dark Matter from a Scotogenic Model with two Higgs doublets

Speaker

Edward Wang

2:24 - 2:36 PM

Sensitivity of the T2K Near Detector Upgrade to constrain CCQE uncertainties in the Spectral Function model

Speaker

Jaafar Chakrani

2:36 - 2:48 PM

Characterisation of Germanium Detectors for LEGEND-200

Speaker

Abigail Alexander

2:48 - 3:00 PM

Background modeling in GERDA

Speaker

Valentina Biancacci

3:00 PM