


Session Program

17-21 Jul 2023

	<i>Here,</i>	PhD Summer School on Neutrinos
	<i>There &</i>	July 17-21, 2023
	<i>Everywhere</i>	Niels Bohr Institute, Copenhagen

NBIA Summer School on Neutrinos: Here, There & Everywhere

Student Talks

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

Monday 17 July

14:00

Student Talks

Session | **Location:** NBI, Auditorium A

14:00–14:15

Hunt for Intermediate Black Holes with Gravitational Waves and Neutrinos

Speakers

Alberto Gálvez Ureña, Pavel Kůs

14:15–14:30

Towards xenon-doped liquid argon for LEGEND

Speaker

Christoph Vogl

14:30–14:45

Intrinsic Resolution Limits in Low-Energy Neutrino Event Reconstruction with IceCube

Speaker

Kaustav Dutta

14:45–15:00

Neutrino Decay scenarios on the Cosmic Neutrino Background

Speaker

Leonardo Ferreira Leite

15:00

Tuesday 18 July

14:00

Student Talks

Session | **Location:** NBI, Auditorium A

14:00–14:15

Modeling neutrino emission from Active Galactic Nuclei

Speaker

Ms Arifa Khatee Zathul

14:15–14:30

Studying the physical properties of the engines of neutrino-emitter blazars.

Speaker

Alessandra Azzollini

14:30–14:45

Investigating high-energy neutrinos from blazars with an analysis of the IceCube observatory data

Speaker

Eleonora Barbano

14:45–15:00

Jet contribution to the γ -ray Flux in NGC 1068

Speaker

Silvia Salvatore

15:00

Wednesday 19 July

14:00

Student Talks

Session | **Location:** NBI, Auditorium A

14:00–14:15

Multi-messenger observations with the KM3NeT telescope: search for high energy neutrinos coinciding with fast radio bursts**Speaker**

Mr Felix Bretaudeau

14:15–14:30

Light dark matter around 100 GeV from the inert doublet model**Speaker**

Leila Kalhor

14:30–14:45

Improving CP Measurement with THEIA and Muon Decay at Rest**Speaker**

Chui-Fan Kong

15:00

Thursday 20 July

14:00

Student Talks

Session | **Location:** NBI, Auditorium A

14:00–14:15

A First Look at Sky Anisotropies of High-Energy Neutrino Flavours

Speaker

Bernanda Telalovic

14:15–14:30

Anomalies in the Radio Neutrino Observatory Greenland

Speaker

Zachary Meyers

14:30–14:45

The Role of Electromagnetic Cascades in High-Energy Neutrino Astrophysics

Speaker

Antonio Capanema

14:45–15:00

Stochastic modelling of cosmic ray sources for diffuse high-energy gamma-rays and neutrinos

Speaker

Anton Stall

15:00