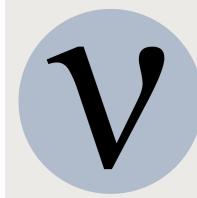


## **Session Program**

**17-21 Jul 2023**



**Here,  
There &  
Everywhere**

PhD Summer School on Neutrinos

**July 17-21, 2023**

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 -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