Session Program

Jul 17 – 21, 2023

31st International Symposium on Lepton Photon Interactions at High Energies

Neutrino

Monash University

Mon, July 17

9:30 AM

Neutrino

Session | **Location:** Monash University | **Convener:** Francesca Di Lodovico

9:30 – 10:00 AM **CP violation searches in neutrino oscillations**

Speaker
Prof. Christopher Mauger

10:00 – 10:30 AM **km baseline neutrino experiments**

Speaker
Liang Zhan

10:30 AM

Tue, July 18

11:30 AM

Neutrino

Session | **Location:** Monash University | **Convener:** Paul Soler Jermyn

11:30 AM – 12:00 PM **Theory challenges in neutrino physics**

Speaker
Stephen Parke

12:00 – 12:30 PM **Future long baseline experiments**

Speaker
Francesco Terranova

12:30 PM

1:30 PM

Neutrino: Room D

Session | **Location:** Monash University | **Convener:** Prof. Raymond Volkas

1:30 – 1:45 PM **Performing a Bayesian Oscillation Analysis at T2K**

Speaker
Henry T Israel

1:45 – 2:00 PM **Atmospheric neutrino oscillations at JUNO**

Speakers
Wuming Luo, Wuming Luo

2:00 – 2:15 PM **Imprints of scalar mediated NSI on long baseline experiments**

Speaker
Dr Moon Moon Devi

2:15 – 2:30 PM **DUNE trigger and data acquisition systems**

Speaker
Danaisis Vargas Oliva

2:30 – 2:45 PM

Vector leptoquark U_3: A possible solution to the recent discrepancy between NOvA and T2K results on CP violation

Speaker
Prof. Rukmani Mohanta

3:15 PM

Wed, July 19

11:05 AM

Neutrino: Room E

Session | **Location:** Monash University | **Convener:** Dr. Rukmani Mohanta

11:20 – 11:35 AM **NA65(DsTau): study of tau neutrino production in p-A interactions**

Speaker
Toranosuke Okumura

11:35 – 11:50 AM

MicroBooNE's tests of the MiniBooNE anomalous low-energy excess

Speaker
Erin Yandel

11:50 AM – 12:05 PM **Latest results from Daya Bay with full dataset**

Speaker
Zhiyuan Chen

12:05 – 12:20 PM **Neutrino Oscillations at the NOvA experiment**

Speaker
Dr Liudmila Kolupaeva

12:20 – 12:35 PM

The Hyper-Kamiokande experiment: design, status of construction and physics goals

Speaker
Prof. Paul Soler Jermyn

12:50 PM