

Session Program

20-26 Aug 2023

The 24th International Workshop on Neutrinos From Accelerators (NuFact 2023)

parallel (room#101)

Natural Science Lecture Center (building-28), Seoul National University, Korea
Natural Science Lecture Center Seoul National University Building-28, 1 Gwanak-ro, Gwanak-gu, Seoul
08826, Korea

Tuesday 22 August

14:00

parallel (room#101): #1 - WG1

Session |

Location: Natural Science Lecture Center (building-28), Seoul National University, Korea, Natural Science Lecture Center Seoul National University Building-28, 1 Gwanak-ro, Gwanak-gu, Seoul 08826, Korea |

Convener: Daniel Cherdack

14:00-14:20

Neutrino Mass Ordering using Atmospheric Neutrino Oscillations with IceCube DeepCore

Speaker

MARIA PRADO RODRIGUEZ

14:20-14:40

Atmospheric neutrino oscillations in JUNO

Speaker

Hongyue Duyang

14:40-15:00

KM3NeT/ORCA: Updates of neutrino oscillation measurement

Speaker

Johannes Schumann

15:00-15:20

Status of the RENO experiment

Speaker

Dr Sanghoon Jeon

16:00

16:30

parallel (room#101): #2 - WG3x4

Session |

Location: Natural Science Lecture Center (building-28), Seoul National University, Korea, Natural Science Lecture Center Seoul National University Building-28, 1 Gwanak-ro, Gwanak-gu, Seoul 08826, Korea |

Convener: Prof. Yoshi Uchida

16:30-16:50

High purity and high brightness muon beam for next generation muon-electron conversion experiments

Speaker

Dr Akira Sato

16:50-17:10

Update on the Targetry and Beamlines of MELODY

Speaker

Nikolaos Vassilopoulos

17:10-17:30

High - Intensity Muon Beams (HIMB) project or how to improve the most intense continuous muon source in the world

Speaker

Giovanni Dal Maso

17:30-17:50

Status of the ultra-slow muon beamline at J-PARC MUSE

Speaker

Dr Sohtaro Kanda

17:50-18:10

Progress in design of a muon source for muon to electron conversion based on an FFA ring - PRISM

Speaker

Jaroslav Pasternak

18:30

Friday 25 August

08:30

parallel (room#101): #3 - WG1x3

Session |

Location: Natural Science Lecture Center (building-28), Seoul National University, Korea, Natural Science Lecture Center Seoul National University Building-28, 1 Gwanak-ro, Gwanak-gu, Seoul 08826, Korea |

Conveners: Kirsty Duffy, Natalia Milas

08:30–08:54

Experimental proof of principle of the Neutrino Tagging technique at NA62

Speaker

Bianca De Martino

08:54–09:18

T2K flux prediction and tuning

Speakers

Megan Friend, Megan Friend

09:18–09:42

Status of the Measurement of Neutrinos Elastically Scattering Off Electrons in the NOvA Near Detector

Speaker

Prof. Jianming Bian

09:42–10:06

Exploring the focusing mechanism of the horn magnets of the Fermilab main injector facility

Speaker

Katsuya Yonehara

10:06–10:30

The NuMI Flux at ICARUS

Speaker

Daniel Cherdack

10:30

11:00

parallel (room#101): #4 - WG1x5

Session |

Location: Natural Science Lecture Center (building-28), Seoul National University, Korea, Natural Science Lecture Center Seoul National University Building-28, 1 Gwanak-ro, Gwanak-gu, Seoul 08826, Korea |

Conveners: Dr. Rukmani Mohanta, Wuming Luo

11:00–11:25

Latest results of the DANSS experiment

Speaker

Eduard Samigullin

11:25–11:50

NEOS-II sensitivity for a light sterile neutrino

Speaker

Jonggeon Kim

11:50–12:15

Status of JSNS² and JSNS²-II

Speaker

ChangDong Shin

12:40

14:00

parallel (room#101): #5 - WG1x6

Session |

Location: Natural Science Lecture Center (building-28), Seoul National University, Korea, Natural Science Lecture Center Seoul National University Building-28, 1 Gwanak-ro, Gwanak-gu, Seoul 08826, Korea |**Convener:** Miao He hem

14:00-14:20

Deep Learning applications to the event reconstruction in JUNO**Speaker**

Wuming Luo

14:20-14:40

Deep Learning Reconstruction at DUNE Far Detector**Speaker**

Prof. Jianming Bian

14:40-15:00

Classification of muon- and electron neutrino events for the ESSnuSB Near Detector using Graph Neural Networks**Speaker**

Kaare Endrup Iversen

15:00-15:20

Prospects for physics with the T2K ND280 Upgrade**Speaker**

Laura Munteanu

15:20-15:40

Simulation and reconstruction of neutrino interactions in the upgraded T2K ND280 detector**Speaker**

Katharina Lachner

16:00

16:11

parallel (room#101): #6 - WG1

Session |

Location: Natural Science Lecture Center (building-28), Seoul National University, Korea, Natural Science Lecture Center Seoul National University Building-28, 1 Gwanak-ro, Gwanak-gu, Seoul 08826, Korea |**Convener:** Prof. Jianming Bian

16:11-16:31

T2K latest oscillation results**Speaker**

Adrien Blanchet

16:31-16:51

NOvA Three Flavor Results**Speaker**

Adam Aurisano

16:51-17:11

DUNE: Long-Baseline Oscillation Sensitivity**Speaker**

Dr Luke Pickering

17:11-17:31

Neutrino oscillation sensitivity of the Hyper-Kamiokande experiment**Speaker**

Charlie Naseby

17:31-17:51

Prospects of Neutrino mass ordering with supernova neutrinos in the upcoming long-baseline experiments

Speaker

Papia Panda

17:51-18:11

Update on solar oscillations at Super-Kamiokande.

Speaker

Lluís Martí

18:11-18:31

Reactor Antineutrino Oscillations with JUNO

Speaker

Roberto Mandujano

18:31