

Session Program

20-26 Aug 2023

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

Plenary

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

Monday 21 August

09:00

Plenary: Plenary A (room#101, relay broadcasting at room#102)

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: Un Ki Yang

09:00-09:05

Welcome

Speaker

Jaejun Yu

09:05-09:10

Introduction

Speaker

Kyung Kwang Joo

09:10-09:40

Keynote 1 Neutrino Experiments

Speaker

Chang Kee Jung

09:40-10:10

Keynote 2 Neutrino Theory

Speaker

Eung Jin Chun

10:10

10:40

Plenary: Plenary B : introduction (room#101, relay broadcasting at room#102)

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: Siyeon Kim

10:40-10:50

WG1 introduction : Oscillation

Speaker

Prof. Jian Tang

10:50-11:00

WG2 introduction : Scattering

Speaker

Dr Elena Gramellini

11:00-11:10

WG3 introduction : Accelerator

Speakers

Megan Friend, Megan Friend

11:10-11:20

WG4 introduction : Muon

Speakers

Yuki Fujii, Yuki Fujii

11:20-11:30

WG5 introduction : beyond PMNS

Speaker

Julia Harz

11:30-11:40 WG6 introduction : Detector**Speaker**

Yasuhiro NISHIMURA

11:40-11:50 WG7 introduction : IDEEO**Speaker**

Nagisa Hiroshima

11:50-12:00 LOC: introduction to the lunch place, reception, schedule etc**Speaker**

Un Ki Yang

12:00

13:30

Plenary: Plenary 1 : WG1, WG2 (room#101, relay broadcasting at room#102)**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:** Kyung Kwang Joo**13:30-13:55 Oscillation theory and future****Speaker**

Dr Rebekah PESTES

13:55-14:20 Cross sections for future experiments**Speaker**

Laura Munteanu

14:20-14:45 Overview of Reactor neutrinos**Speaker**

Juan Pedro Ochoa Ricoux

15:10-15:35 Modeling neutrino-nucleus cross section: theory and generators**Speaker**

Natalie Yvonne Jachowicz

15:35

16:00

Plenary: Plenary 2 : WG5, WG6 (room#101, relay broadcasting at room#102)**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. Chang Hyon Ha**16:00-16:25 Latest results from the KATRIN experiment****Speaker**

Anthony Onillon

16:25-16:50 Constraints on new physics in (Nu)SMEFT**Speaker**

Michael Schmidt

16:50-17:15 New results on LHC neutrinos from the FASER experiment**Speaker**

Tomoko Ariga

17:15-17:40 **Heavy neutrino search at LHC**

Speaker

John Leslie Almond

17:40-18:05 **Neutrino experiments in Yemilab, Korea**

Speaker

Prof. Yeongduk Kim

18:05

Tuesday 22 August

08:30

Plenary: Plenary 3 : WG2, WG5 (room#101, relay broadcasting at room#102)

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: koun choi

08:30-08:55

Ovbb experiments summary

Speaker

Matteo Agostini

08:55-09:20

Mapping viable parameter space for leptogenesis

Speaker

Juraj Klavic

09:20-09:45

Overview of cross section experimental results: argon based technologies

Speakers

Sophie Berkman, Sophie Berkman

09:45-10:10

Overview of cross section experimental results: non-argon based technologies

Speaker

Raquel Castillo Fernandez

10:10-10:35

Determination of the Argon spectral function from (e,e'p) data

Speaker

Prof. Omar Benhar

10:35

11:00

Plenary: Plenary 4 : WG3, WG4 (room#101, relay broadcasting at room#102)

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: Moses Chung

11:00-11:25

Beam power upgrade status and plan at J-PARC

Speaker

Takeshi Nakadaira

11:25-11:50

Proton beam upgrade plan at Fermilab

Speaker

Dr Jeffrey Eldred

11:50-12:15

Status of beam commissioning at ESS

Speaker

Andreas Jansson

12:15-12:40

New suggestion from China for the new muon beam-line building plan

Speaker

Nikolaos Vassilopoulos

12:40

Wednesday 23 August

08:30

Plenary: Plenary 5 : WG4. WG6 (room#101, relay broadcasting at room#102)

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: Myeongjae Lee

08:30-08:55

Muon g-2 and other precision measurements

Speaker

Matteo Sorbara

08:55-09:20

Muon CLFV and g-2 theories

Speaker

Dr Innes Bigaran

09:20-09:45

Muon CLFV experiments

Speaker

Satoshi Mihara

09:45-10:10

Detection of neutrons in accelerator neutrino interactions

Speaker

Tristan Doyle

10:10-10:35

PRISM technique: challenges in infrastructure and analysis

Speakers

Michael Joseph Wilking, Michael Wilking, Prof. Michael Wilking

10:35

11:00

Plenary: Plenary 6 : WG7 (room#101, relay broadcasting at room#102)

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: Francesca Dordei

11:00-11:20

Activities of Women Committee in Korean Physical Society

Speaker

Haein YIM

11:20-11:40

Public Communication

Speakers

Shota Takahashi, Shota Takahashi

11:40-12:00

Invisible Workers in Science

Speaker

Eun-Joo Ahn

12:00-12:20

Diversity and outreach in research

Speaker

MIA,ROBIN,BYRON WEST

12:20

16:00
 18:10

<p>Plenary: Plenary 7 : WG1 (room#101, relay broadcasting at room#102)</p> <p>Session </p> <p>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 </p> <p>Convener: Adam Aurisano</p>	
16:00-16:20	<p>Status of T2K</p> <p>Speaker Daniel Cherdack</p>
16:20-16:40	<p>Status of Nova</p> <p>Speaker Andrew Sutton</p>
16:40-17:00	<p>Status of MicroBooNE</p> <p>Speaker Avinay Bhat</p>
17:00-17:20	<p>Overview of Atmospheric neutrinos</p> <p>Speaker Dr Alfonso Andres Garcia Soto</p>
17:20-17:45	<p>Overview of CEvNS Experiment</p> <p>Speaker Rex Tayloe</p>
17:45-18:10	<p>ESSnuSB+ and summary of the mini workshop (satellite)</p> <p>Speaker Dr Marcos Dracos</p>

Thursday 24 August

08:30

Plenary: Plenary 8 : WG1 (room#101, relay broadcasting at room#102)

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: Jungsic Park

08:30-08:50

Korea Neutrino Observatory status

Speaker

Intae Yu

08:50-09:10

Overview of near detector technologies and status

Speaker

Dr Mark Patrick Hartz

09:10-09:35

JUNO status

Speaker

Yang HAN

09:35-10:00

DUNE status

Speakers

Chris Marshall, Christopher Marshall

10:00-10:25

Hyper-K status

Speakers

Neil Kevin Mccauley, Neil McCauley, Neil McCauley

10:25

10:50

Plenary: Plenary 9 : panel discussion (room#101, relay broadcasting at room#102)

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: Alain Blondel

10:50-11:50

Panel Discussion on the prospect of future neutrino program

Speakers

Alain Blondel, Mary Bishai

11:50-12:00

LOC: Excursion and Banquet guide

12:00-12:20

LOC: Workshop photograph (SNU building-28)

12:30

Saturday 26 August

08:30

Plenary: Plenary C : WG summary (room#101, relay broadcasting at room#102)

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

08:30–08:50 Summary WG 1: Oscillation

Speaker

Adam Aurisano

08:50–09:10 Summary WG 2: Scattering

Speaker

Christophe Bronner

09:10–09:30 Summary WG 3: Accelerator

Speaker

Natalia Milas

09:30–09:50 Summary WG 4: Muon

Speakers

Yuki Fujii, Yuki Fujii

09:50–10:10 Summary WG 5: Beyond PMNS

Speaker

koun choi

10:10–10:30 Summary WG 6: Detector

Speaker

Yasuhiro NISHIMURA

10:30–10:50 Summary WG 7: IDEEO

Speaker

Francesca Dordei

10:50

11:10

Plenary: Plenary D : closing (room#101, relay broadcasting at room#102)

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. Jonghee YOO

11:10–11:40 Prospect of the Neutrino Physics

Speaker

Kevin McFarland

11:40–12:00 LOC: Poster Award

Speaker

Prof. Siyeon Kim

12:00-12:20

LOC: Closing Remark and Announcement of NuFACT24

Speaker

Prof. Jonghee YOO

12:30