

SNU  

Report of Contributions

Contribution ID: **31**

Type: **not specified**

Searches for new physics at LHC

Thursday, 30 March 2023 15:00 (30 minutes)

Presenter: YANG, Un-ki (Seoul National University)

Session Classification: Physics Session

Contribution ID: 33

Type: **not specified**

Searches for heavy neutrinos

Thursday, 30 March 2023 15:30 (20 minutes)

Summary

Presenter: ALMOND, John**Session Classification:** Physics Session

Contribution ID: **34**

Type: **not specified**

Dilepton Asymmetry

Thursday, 30 March 2023 15:50 (20 minutes)

Presenter: SEO, Hyon-San (Seoul National University)

Session Classification: Physics Session

Contribution ID: 35

Type: **not specified**

Searches for new physics using non-isolated leptons

*Thursday, 30 March 2023 16:10 (20 minutes)***Presenter:** LEE, Joon-Bin (Seoul National University)**Session Classification:** Physics Session

Contribution ID: 36

Type: **not specified**

Practical Dirac-Majorana Confusion Theorem (DMCT) and how to overcome it

Thursday, 30 March 2023 20:00 (1 hour)

I will explain in detail so-called the Dirac-Majorana Confusion Theorem (DMCT), which we encounter whenever we apply quantum statistics to neutrinos to distinguish the fundamental neutrino property - Majorana or Dirac. I will also introduce you how to overcome the DMCT – (a) via deduction of neutrino energy and/or momenta, (b) via investigating new physics effects in neutrino interactions.

Summary

Presenter: KIM, Choong Sun (Yonsei University)

Session Classification: Lecture

Contribution ID: 37

Type: **not specified**

Physics with Low Energy Nuclear Astrophysics - RAON etc

*Thursday, 30 March 2023 17:00 (40 minutes)***Presenter:** CHOI, Seonho (Seoul National University)**Session Classification:** Physics Session

Contribution ID: 38

Type: **not specified**

Study of nuclear structure around the $N = 126$ shell closure using multi-nucleon transfer reaction

Thursday, 30 March 2023 17:40 (20 minutes)

Summary

Presenter: CHO, Youngju**Session Classification:** Physics Session

Contribution ID: 39

Type: **not specified**

CATLIFE (Complementary Arm for Target Like FragmEnts): Detector for Target like fragments at VAMOS++

*Thursday, 30 March 2023 18:00 (20 minutes)***Presenter:** SON, Yonghyun (Seoul National University)**Session Classification:** Physics Session

Contribution ID: 40

Type: **not specified**

Donghae Neutrino Telescope

Friday, 31 March 2023 09:00 (20 minutes)

Summary

Presenter: YOO, Jonghee

Session Classification: Physics Session

Contribution ID: 41

Type: **not specified**

Introduction

Friday, 31 March 2023 11:00 (5 minutes)

Summary

Presenter: KIM, Sun-Kee

Session Classification: Physics Session

Contribution ID: 42

Type: **not specified**

COSINE

Friday, 31 March 2023 11:05 (20 minutes)

Presenter: Mr LEE, Seung-Mok

Session Classification: Physics Session

Contribution ID: 43

Type: **not specified**

AMoRE

Friday, 31 March 2023 11:25 (20 minutes)

Summary

Presenter: KIM, Han Beom

Session Classification: Physics Session

Contribution ID: 44

Type: **not specified**

GBar

Friday, 31 March 2023 11:45 (30 minutes)

Summary

Presenter: KIM, Bongho**Session Classification:** Physics Session

Contribution ID: 45

Type: **not specified**

Dark Matter Axion Search Using 18T HTS Magnet Axion Haloscope

*Friday, 31 March 2023 09:20 (15 minutes)***Presenter:** AHN, Moohyun**Session Classification:** Physics Session

Contribution ID: 46

Type: **not specified**

CENNS-1ton Experiment

Friday, 31 March 2023 09:35 (15 minutes)

Presenter: JEONG, HaeMin

Session Classification: Physics Session

Contribution ID: 47

Type: **not specified**

Reactor Experiment for Neutrinos and Exotics

*Friday, 31 March 2023 09:50 (15 minutes)***Presenter:** 田, 田**Session Classification:** Physics Session

Contribution ID: 48

Type: **not specified**

Proton Decay Search at Super-Kamiokande

*Friday, 31 March 2023 10:05 (15 minutes)***Presenter:** JUNG, Seunghyun**Session Classification:** Physics Session