

1st ESSNuSB+ WP5 in-person Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and introduction

Thursday 18 May 2023 10:00 (1 hour)

Session Classification: Introduction and talks from the groups

Contribution ID: 2

Type: **not specified**

lemon-D: LEnuSTORM and monitored beam near detector

Thursday 18 May 2023 11:00 (30 minutes)

Presenters: FANOURAKIS, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR)); TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: Introduction and talks from the groups

Contribution ID: 3

Type: **not specified**

LEnuSTORM status and plans

Thursday 18 May 2023 11:30 (30 minutes)

Presenter: CHOI, Ting Wing

Session Classification: Introduction and talks from the groups

Contribution ID: 4

Type: **not specified**

END: ESSnuSB near detectors

Thursday 18 May 2023 12:00 (30 minutes)

Presenter: BOGOMILOV, Mariyan (University of Sofia - St. Kliment Ohridski (BG))

Session Classification: Introduction and talks from the groups

Contribution ID: 5

Type: **not specified**

viking: END emulsion detector

Thursday 18 May 2023 12:30 (30 minutes)

Presenter: FUKUDA, Tsutomu (Nagoya Univ.)

Session Classification: Introduction and talks from the groups

Contribution ID: 6

Type: **not specified**

Sterile neutrinos from LEnuSTORM

Thursday 18 May 2023 14:30 (30 minutes)

Presenter: GIARNETTI, Alessio (Roma Tre University & INFN)

Session Classification: Introduction and talks from the groups

Contribution ID: 7

Type: **not specified**

Far detectors

Thursday 18 May 2023 15:00 (30 minutes)

Presenter: KLICEK, Budimir (Rudjer Boskovic Institute (HR))

Session Classification: Introduction and talks from the groups

Contribution ID: 8

Type: **not specified**

Atmospherics at the far detector

Thursday 18 May 2023 15:30 (30 minutes)

Presenter: VIHONEN, Sampsa (KTH)

Session Classification: Introduction and talks from the groups

Contribution ID: 9

Type: **not specified**

Supernova neutrinos at far detector

Thursday 18 May 2023 16:00 (30 minutes)

Presenter: GHOSH, Monojit

Session Classification: Introduction and talks from the groups

Contribution ID: **10**

Type: **not specified**

Diffuse supernova/solar/reactor/geo- neutrinos

Thursday 18 May 2023 16:30 (30 minutes)

Presenters: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR)); FANOURLAKIS, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR))

Session Classification: Introduction and talks from the groups

Contribution ID: **11**

Type: **not specified**

Discussion

Thursday 18 May 2023 17:00 (30 minutes)

Session Classification: Introduction and talks from the groups

Contribution ID: 12

Type: **not specified**

Summary and far detector

Wednesday 24 May 2023 10:00 (20 minutes)

Presenter: KLICEK, Budimir (Rudjer Boskovic Institute (HR))

Session Classification: Summary and future plans

Contribution ID: 13

Type: **not specified**

Summary of the lemon-D detector and statistical model

Wednesday 24 May 2023 10:20 (30 minutes)

Presenters: FANOURAKIS, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR)); TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: Summary and future plans

Contribution ID: 14

Type: **not specified**

Summary of phenomenological study

Wednesday 24 May 2023 10:50 (20 minutes)

Presenter: GHOSH, Monojit

Session Classification: Summary and future plans

Contribution ID: 15

Type: **not specified**

Summary of sterile neutrinos at near detectors

Wednesday 24 May 2023 11:10 (20 minutes)

Presenter: GIARNETTI, Alessio (Roma Tre University & INFN)

Session Classification: Summary and future plans