

# **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)); FANOURAKIS, 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