

The ESS ν SB Workshop
(Towards a participation of the
German physics community
in a long-baseline neutrino
project in Europe)

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and the objective of the workshop

Thursday 8 October 2020 10:00 (15 minutes)

Presenter: TOLBA, Tamer (Institut für Experimentalphysik, Universität Hamburg)

Contribution ID: 2

Type: **not specified**

The ESS neutrino Super Beam

Thursday 8 October 2020 11:15 (30 minutes)

Presenter: DRACOS, Marcos (CNRS)

Contribution ID: 3

Type: **not specified**

Neutrino oscillation phenomenology

Thursday 8 October 2020 10:15 (30 minutes)

Presenter: Prof. PASCOLI, Silvia

Contribution ID: 4

Type: **not specified**

European Spallation Source (ESS) facility

Thursday 8 October 2020 10:45 (30 minutes)

Presenter: Prof. LINDROOS, Mats

Contribution ID: 5

Type: **not specified**

ESS linac for ESSnuSB

Thursday 8 October 2020 13:30 (20 minutes)

Presenter: Dr ESHRAQI, Mamad

Contribution ID: 6

Type: **not specified**

The ESSnuSB accumulator design

Thursday 8 October 2020 13:50 (20 minutes)

Presenter: Dr ZOU, Ye

Contribution ID: 7

Type: **not specified**

The ESSnuSB Target Station

Thursday 8 October 2020 14:10 (20 minutes)

Presenter: Dr BAUSSAN, Eric

Contribution ID: 8

Type: **not specified**

ESSnuSB near and far detector technology/strategy

Thursday 8 October 2020 15:00 (30 minutes)

Presenter: Dr KLIČEK, Budimir

Contribution ID: 9

Type: **not specified**

ESSnuSB physics reach

Thursday 8 October 2020 15:30 (30 minutes)

Presenter: Dr ROSAURO, Salvador

Contribution ID: **10**

Type: **not specified**

Short summary of the first day

Thursday 8 October 2020 16:00 (15 minutes)

Presenter: TOLBA, Tamer (Institut für Experimentalphysik, Universität Hamburg)

Contribution ID: **11**

Type: **not specified**

Introduction to the second day

Friday 9 October 2020 09:30 (15 minutes)

Presenter: TOLBA, Tamer (Institut für Experimentalphysik, Universität Hamburg)

Contribution ID: 12

Type: **not specified**

First results of KATRIN on the neutrino mass and the search for light sterile neutrinos

Friday 9 October 2020 09:45 (30 minutes)

Presenter: Dr LASSERRE, Thierry

Contribution ID: 13

Type: **not specified**

THEIA: An advanced hybrid neutrino detector

Friday 9 October 2020 13:20 (30 minutes)

Presenter: Prof. WURM, Michael

Contribution ID: **14**

Type: **not specified**

The T2K experiment

Friday 9 October 2020 10:15 (30 minutes)

Presenter: Prof. ROTH, Stefan

Contribution ID: 15

Type: **not specified**

The High Intensity Frontier Initiative based on ESSnuSB

Friday 9 October 2020 15:10 (20 minutes)

Presenter: Prof. EKELOF, Tord

Contribution ID: **16**

Type: **not specified**

Particle Physics in Germany - Status and Perspectives

Presenter: KET (TBD)

Contribution ID: 17

Type: **not specified**

Open discussion

Friday 9 October 2020 15:30 (1 hour)

Presenter: ALL

Contribution ID: **18**

Type: **not specified**

Summary of the workshop and closing session

Friday 9 October 2020 16:30 (15 minutes)

Presenter: TOLBA, Tamer (Institut für Experimentalphysik, Universität Hamburg)

Contribution ID: **19**

Type: **not specified**

The Deep Underground Neutrino Experiment DUNE - Overview & Prospects in Germany

Friday 9 October 2020 11:00 (30 minutes)

Presenter: Prof. SIMON, Frank

Contribution ID: **20**

Type: **not specified**

Neutrino coherent scattering experiment at the ESS

Friday 9 October 2020 13:50 (20 minutes)

Presenter: Prof. GÓMEZ CADENAS, Juan José

Contribution ID: **21**

Type: **not specified**

Muon Collider

Friday 9 October 2020 11:30 (20 minutes)

Presenter: Prof. RUBBIA, Carlo

Contribution ID: 22

Type: **not specified**

nuSTORM

Friday 9 October 2020 14:10 (20 minutes)

Presenter: Prof. PASTERNAK, Jaroslaw

Contribution ID: 23

Type: **not specified**

Decay at rest

Friday 9 October 2020 14:30 (20 minutes)

Presenter: Prof. CONRAD, Janet