

Workshop on Neutrinos@CERN



Report of Contributions

Contribution ID: 1

Type: **not specified**

SM neutrinos with CERN proposed and forthcoming facilities

Thursday 23 January 2025 09:10 (20 minutes)

Presenter: BOLOGNESI, Sara (Université Paris-Saclay (FR))

Session Classification: Block 1

Contribution ID: 2

Type: **not specified**

BSM physics with CERN proposed and forthcoming facilities

Thursday 23 January 2025 09:35 (20 minutes)

Presenter: OVCHYNNIKOV, Maksym (CERN)

Session Classification: Block 1

Contribution ID: 3

Type: **not specified**

Physics Beyond Collider

Thursday 23 January 2025 10:00 (15 minutes)

Presenter: ARDUINI, Gianluigi (CERN)

Session Classification: Block 1

Contribution ID: 4

Type: **not specified**

The ProtoDUNE detectors (NP02, NP04)

Thursday 23 January 2025 10:20 (15 minutes)

Presenter: TOURAMANIS DOURAMANIS, Christos (University of Liverpool (GB))

Session Classification: Block 1

Contribution ID: 5

Type: **not specified**

The Physics Case for a Short Baseline Beam at CERN: Cross-section and BSM Physics

Thursday 23 January 2025 11:10 (20 minutes)

Presenter: Dr DOLAN, Stephen (CERN)

Session Classification: Block 2

Contribution ID: 6

Type: **not specified**

Beamline Overview and Implementation of the Neutrino Monitoring System

Thursday 23 January 2025 11:35 (20 minutes)

Presenter: LONGHIN, Andrea (Universita e INFN, Padova (IT))

Session Classification: Block 2

Contribution ID: 7

Type: **not specified**

Neutrino Tagging: Technology and Implementation

Thursday 23 January 2025 12:00 (20 minutes)

Presenter: PERRIN-TERRIN, Mathieu (Centre National de la Recherche Scientifique (FR))

Session Classification: Block 2

Contribution ID: 8

Type: **not specified**

T2K and NP07

Thursday 23 January 2025 14:50 (20 minutes)

Presenter: MUNTEANU, Laura (CERN)

Session Classification: Block 3

Contribution ID: 9

Type: **not specified**

The WCTE detector

Thursday 23 January 2025 15:15 (20 minutes)

Presenter: HARTZ, Mark Patrick (TRIUMF (CA))

Session Classification: Block 3

Contribution ID: **10**

Type: **not specified**

BSM Physics with ProtoDUNE as a Beam Dump in the North Area

Thursday 23 January 2025 14:00 (20 minutes)

Presenters: CHATTERJEE, Animesh (CERN); MOLINA BUENO, Laura (Univ. of Valencia and CSIC (ES))

Session Classification: Block 3

Contribution ID: 12

Type: **not specified**

DUNE Phase II, physics and technology

Thursday 23 January 2025 16:20 (25 minutes)

Presenters: SOLDNER-REMBOLD, Stefan (University of Manchester); SÖLDNER-REMBOLD, Stefan (Imperial College London)

Session Classification: Block 4

Contribution ID: 13

Type: **not specified**

Plans for a ProtoDUNE-III Run with Optical Readout in the NP02 Cryostat

Thursday 23 January 2025 16:50 (20 minutes)

Presenter: MAVROKORIDIS, k (University of Liverpool (GB))

Session Classification: Block 4

Contribution ID: 14

Type: **not specified**

Charge Readout Prototyping and Beam Tests for ND-GAr

Presenter: MOHAYAI, Tanaz (Indiana University)

Session Classification: Block 4

Contribution ID: 15

Type: **not specified**

Future Hadroproduction measurement with NA61/SHINE

Friday 24 January 2025 09:25 (20 minutes)

Presenter: ZIMMERMAN, Eric Daniel (University of Colorado Boulder (US))

Session Classification: Block 5

Contribution ID: 16

Type: **not specified**

Neutrino physics with SHIP

Friday 24 January 2025 09:50 (20 minutes)

Presenter: DE LELLIS, Giovanni (University Federico II and INFN, Naples (IT))

Session Classification: Block 5

Contribution ID: 17

Type: **not specified**

NuSTORM

Friday 24 January 2025 10:15 (20 minutes)

Presenter: Dr LU, Xianguo (University of Warwick)

Session Classification: Block 5

Contribution ID: **18**

Type: **not specified**

High track density reconstruction of p-A interactions at SPS energies from DsTau

Friday 24 January 2025 10:40 (15 minutes)

Presenter: Prof. GULER, Murat Ali (Physics Department of Middle East Technical University (TR))

Session Classification: Block 5

Contribution ID: 19

Type: **not specified**

The physics case for detecting neutrinos at the LHC

Friday 24 January 2025 11:30 (20 minutes)

Presenter: KLING, Felix (DESY)

Session Classification: Block 6

Contribution ID: 20

Type: **not specified**

FASER and its upgrades in or out the FPF

Friday 24 January 2025 11:55 (20 minutes)

Presenter: Prof. ARIGA, Akitaka (Chiba University (JP))

Session Classification: Block 6

Contribution ID: 21

Type: **not specified**

SND@LHC and its upgrades

Friday 24 January 2025 12:20 (20 minutes)

Presenter: VILELA, Cristovao (Laboratory of Instrumentation and Experimental Particle Physics (PT))

Session Classification: Block 6

Contribution ID: 22

Type: **not specified**

Plans for FLArE

Friday 24 January 2025 12:45 (15 minutes)

Presenter: DIWAN, Milind Vaman (Brookhaven National Laboratory (US))

Session Classification: Block 6

Contribution ID: 23

Type: **not specified**

Wrap up

Friday 24 January 2025 14:30 (30 minutes)

Presenter: VALLEE, Claude (Centre de Physique des Particules de Marseille)

Session Classification: Block 7

Contribution ID: 25

Type: **not specified**

Discussion and input to ESPPU

Friday 24 January 2025 15:00 (1h 30m)

Session Classification: Block 7

Contribution ID: 26

Type: **not specified**

Opening Remarks

Thursday 23 January 2025 09:00 (5 minutes)

Presenters: RESNATI, Filippo (CERN); TERRANOVA, Francesco (Universita & INFN, Milano-Bicocca (IT)); SCHNELL, Gunar

Session Classification: Block 1

Contribution ID: 27

Type: **not specified**

Detecting LHC Neutrinos at Surface Level

Thursday 23 January 2025 17:15 (15 minutes)

Presenter: Dr MAKELA, Toni (University of California, Irvine)

Session Classification: Block 4

Contribution ID: 28

Type: **not specified**

Charge Readout Prototyping and Beam Tests for ND-Gar

Friday 24 January 2025 09:00 (20 minutes)

Presenter: MOHAYAI, Tanaz (Indiana University)

Session Classification: Block 5

Contribution ID: 29

Type: **not specified**

High track density reconstruction of p-A interactions at SPS energies from DsTau

Presenter: Prof. GULER, Murat Ali (Physics Department of Middle East Technical University (TR))

Session Classification: Block 5

Contribution ID: **30**

Type: **not specified**

Possible Implementations of SBN@PBC in the CERN Complex

Thursday 23 January 2025 12:25 (25 minutes)

Presenter: JEBRAMCIK, Marc Andre (CERN)

Session Classification: Block 2

Contribution ID: **31**

Type: **not specified**

HyperKamiokande

Thursday 23 January 2025 14:25 (20 minutes)

Presenter: SGALABERNA, Davide (ETH Zurich (CH))

Session Classification: Block 3

Contribution ID: 33

Type: **not specified**

Early Career Researcher informal discussion

Thursday 23 January 2025 18:00 (1 hour)

Session Classification: Block 9

Contribution ID: 34

Type: **not specified**

Short Introduction (and invitation) to Early Career Researcher Discussion

Thursday 23 January 2025 17:35 (5 minutes)

Presenter: PFAFF, Marvin (Imperial College (GB))

Session Classification: Block 4

Contribution ID: 35

Type: **not specified**

Group Photo

Friday 24 January 2025 13:05 (5 minutes)

Session Classification: Block 6