

(My personal view of the) CERN Neutrino Task Force for ND

<https://twiki.cern.ch/twiki/bin/view/CENF/NearDetector>

'Clustering' the efforts around the Near Detector studies in Europe (and beyond) for all the present and future neutrino oscillation experiments (T2K, T2HK, DUNE...)

Facilitate the collaboration and discussion **between people of different experiments and with theoreticians** (similarly to NuSTEC)

Open to all the people interested! Mostly useful for European collaborators because CERN is an **'aggregation point'** to get together, discuss, organize workshops... and possibly get manpower:

CERN may offer fellowship and 'associations' to neutrino experimentalists and theoreticians to work on these issues

Useful to **CERN people to get involved/trained** in the new generation of neutrino oscillation experiments

Organization

- ▶ **Steering group:** P. Sala (CERN/INFN-Mi), S. Bordoni (CERN),
A. Weber (U. Oxford/RAL), M. Zito (CEA)

- ▶ **WG1 - Flux :** M. Diwan (BNL), B. Popov (LPNHE, Paris)

- ▶ **WG2 - Cross-section (TH):** M. Martini (CEA,Paris), F. Sanchez (IFAE, Barcelona)

- ▶ **WG3 - Cross-section (Exp):** S. Bolognesi (CEA,Paris), ?

- ▶ **WG4 - Sensitivity studies:** L. H. Whitehead (CERN), D. Meloni (Roma 3)

- ▶ **WG5 - R&D :** E. Radicioni (INFN-Ba), T. Lux (IFAE, Barcelona)

Status

- Meetings from various working groups with **overview of different activities**

<https://indico.cern.ch/category/9460/>

- **Face-to-face meeting at CERN on 27/28 November**

Please participate! <https://indico.cern.ch/event/674901/>

→ need to make an overview of the **actual manpower (especially from CERN)** and plan accordingly the possible projects

→ using CENF **as a forum** to discuss between different experiments is anyway already useful ...

(e.g. discuss Test Beam opportunities)

- **Welcome feedback from NuSTEC about how to organize it to make it useful !**

Cross-collaboration between CENF and NuSTEC will certainly happen (eg next NuSTEC school at CERN?)