

Dual Phase Photon Detection System Consortium Meeting

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DPPD Consortium Meeting

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Ciemat
Centro de Investigaciones
Energéticas, Medioambientales
y Tecnológicas



Topics for today

- Rehearsal for APS: Light detection results from ProtoDUNE Dual-Phase (Jose)
- Muon detection studies: light data analysis and simulations (Ana)
- Latest news

CERN SPSC (April 7)

- ProtoDUNE-DP and ProtoDUNE-SP presentations
 - <https://indico.cern.ch/event/898055/>
- Annual reports prepared:
 - NP02: <http://cds.cern.ch/record/2714256/files/SPSC-SR-269.pdf>
 - NP04: <http://cds.cern.ch/record/2714303/files/SPSC-SR-270.pdf>
- Next activities at CERN are under discussion due to present situation
 - Minimal testing at ProtoDUNEs is ongoing remotely

Technical Boards (March 19 & April 9)

- Events:
 - RRB meeting on April 2 (next on October 8-9)
 - LBNF/DUNE Director's Review (week of May 18)
 - DOE IPR on July 14-17
- SP Consortia are preparing:
 - Institutional responsibilities within consortia in MoU appendices
 - Updated schedules
 - Interface documents in EDMS
 - Technical reviews of the systems
 - Final consortia cost spreadsheets
 - Requirements (new consortia requirements)
 - QA/QC plan

DPPD ongoing activities

- ProtoDUNE-DP data taking at CERN
 - At several detector conditions
 - HV FT surgery being organized to operate at 6 m drift
 - Refilling with ProtoDUNE-SP LAr?
- ProtoDUNE-DP data analysis
 - Technical notes in preparation
- ProtoDUNE-DP simulations
- Preparations for ProtoDUNE-DP phase II
 - Proposals for modifications/improvements in the photon detection system in view of a Dual-Phase DUNE Far Detector Module
 - To be discussed at the next DUNE collaboration meeting

Next meetings

- April 28, DPPD meeting
- May 12, DPPD meeting
- Remote DUNE collaboration meeting being organized
 - Plenary sessions + WGs and consortia meetings