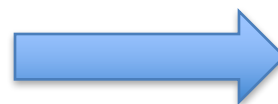
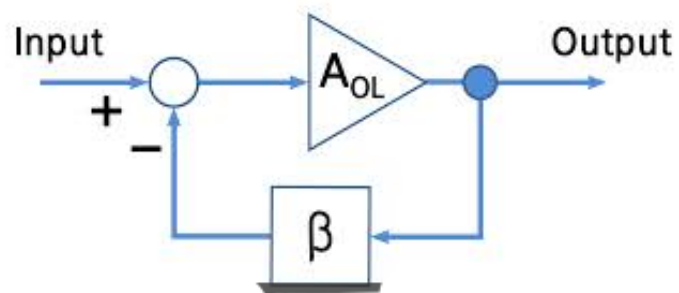


Collaboration Tools & Beyond

Eileen Berman



I want all your Feedback



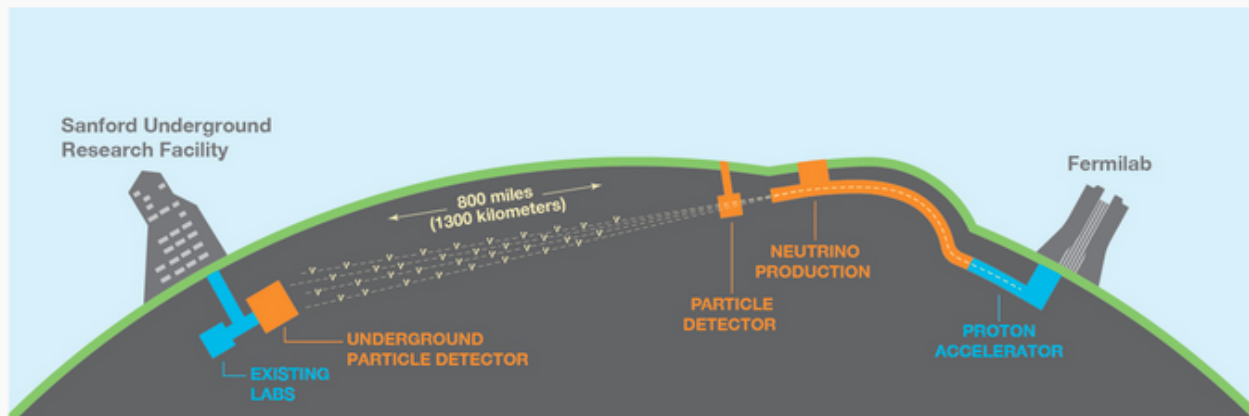
dune-communication@fnal.gov

Where to Start

- www.dunescience.org

An international mega-science project

The Deep Underground Neutrino Experiment (DUNE) is a leading-edge, international experiment for neutrino science and proton decay studies. Discoveries over the past half-century have put neutrinos, the most abundant matter particles in the universe, in the spotlight for further research into several fundamental questions about the nature of matter and the evolution of the universe — questions that DUNE will seek to answer.



Search Here

DUNE and LBNF


- Facility for DUNE (LBNF)
- LBNF/DUNE Fact Sheet
- Frequently Asked Questions
- Environmental Assessment
- Fermilab (host lab and near site)
- Sanford Lab (far site)
- **DUNE at Work**

Where to Start

- <https://web.fnal.gov/collaboration/DUNE/SitePages/Home.aspx>


DUNE at Work DUNEscience.org LBNF LBNF at Work [EDIT LINKS](#)

Search this site

[f](#) [t](#) 


DUNE at Work - Home

+ Meetings and Events	+ Working Groups
+ Organization & Management	+ Collaborative Tools and Resources
+ New to DUNE?	+ Reports and Documentation
+ Visit DUNE Locales	+ How To ...



DUNE Collaboration Meeting, May 2016
[\(Original Photo\)](#)

DUNE Events and Meetings

 [US/Central](#) [E. Berman](#)

Everywhere

Getting Started

- New to DUNE?

- Getting Started in DUNE
- How do I join DUNE?
- Getting computer accounts
- Participate in a WG
- FNAL Procedures for Researchers
- Contact DUNE
- Professional Opportunities

Start Here

- How to Join DUNE - you need to do this first!!!
- How to Join a DUNE Working Group (see bottom of the page)
- Get on DUNE mailing lists
- Get familiar with the DUNE Collaboration Tools (click on the Collaborative Tools and Resources pulldown)
- Fermilab Information
 - Get Fermilab computer accounts
 - Visiting Fermilab
 - Fermilab Student and Postdoc Association Guide to Life
 - Fermilab Servicedesk (need Fermilab computer accounts to access)
 - Located in Wilson Hall Ground Floor (Open 8-5, Monday-Friday)
 - 630-840-2345
 - Submit a Service Desk ticket (*Services account login*)
- CERN Information
 - Get CERN computer accounts (*for working on NP02 and NP04*)

Running a Grid Job

- Logging in to the DUNE Interactive grid nodes (coming soon)
- Submitting your job (*Services account login*)

LArSoft

- Using LArSoft

Many Many Monitoring Links

Fermi Mass Storage System

- Top level to get to all the information available
- Public dCache (disk cache) main page
- Space usage in tape in enstore

Grid/Cloud Related Links

- FermiGrid Metrics
- Batch System Monitoring (FifeMon) (*Services account login*)
- FermiCloud Information

Monitoring and Accounting Information

- Grid/Cloud/Storage Accounting Information
- All kinds of Monitoring Information

- Meetings and Events
- Working Groups
- Organization & Management
- Collaborative Tools and Resources
- New to DUNE?
- Reports and Documentation
- Visit DUNE Locales
- How To ...

Collaboration Tools

Collaborative Tools and Resources

- Overview of LBNF and DUNE's Collaborative Tools
- Computing News You Can Use
- DocDB
- GitHub
- Images, DUNE and LBNF
- Indico
- Logo and Templates
- Mailing Lists
- Neutrino Platform at CERN
- ReadyTalk
- Redmine
- Risk Register
- Share your Work-In-Progress Documents

Ordered alphabetically

- Document database
 - DUNE DocDB
- Software Repositories
 - GitHub
 - Redmine
- Meetings and Events
 - Indico (DUNE Calendar)
 - Readytalk
- Mailing Lists
- General Information

- Meetings and Events
- Working Groups
- Organization & Management
- Collaborative Tools and Resources
- New to DUNE?
- Reports and Documentation
- Visit DUNE Locales
- How To ...

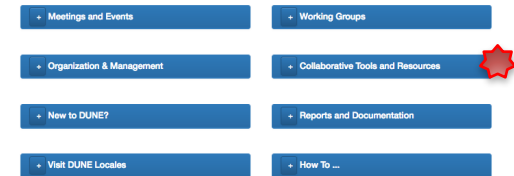
DUNE DocDB

- docs.dunescience.org

[How to access and use DocDB](#)



Document Database (DocDB) for DUNE and LBNF



To get username/password access send email to dune-docdb.fnal.gov

[DUNE At Work](#)

[DUNEScience.org](#)

[LBNF At Work](#)

[LBNF.fnal.gov](#)

Get help on [registering a certificate](#) to access DocDB

Accessing DocDB

Access **Public** or **Private** (username/password required) Documents

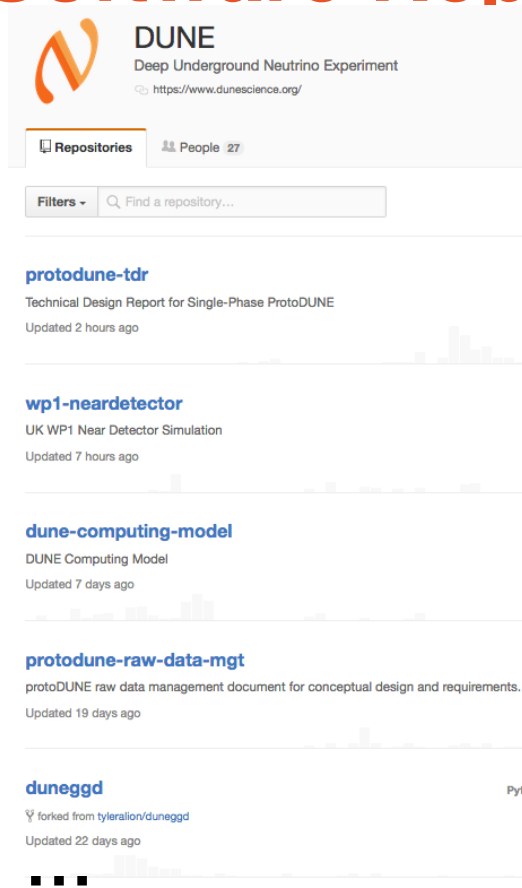
Access **Certificate Version of DUNE DocDB**

--- If you are accessing this version for the first time, you must first [apply for access](#)

--- [More info](#) about accessing certificate version of DocDB

For assistance contact [Fermilab Service Desk](#)
[DocDB Home](#)

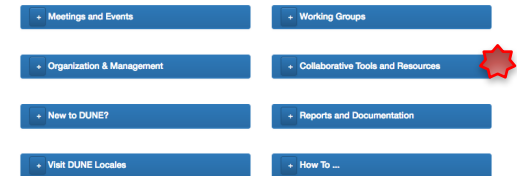
Software Repositories - github



The screenshot shows the GitHub profile for DUNE (Deep Underground Neutrino Experiment). The profile includes the DUNE logo, the name "DUNE", the full name "Deep Underground Neutrino Experiment", and the website URL "https://www.dunescience.org/". Below the profile information, there are tabs for "Repositories" and "People" (27). A search bar is present with the text "Find a repository...". The repository list includes:

- protodune-tdr**: Technical Design Report for Single-Phase ProtoDUNE. Updated 2 hours ago.
- wp1-neardetector**: UK WP1 Near Detector Simulation. Updated 7 hours ago.
- dune-computing-model**: DUNE Computing Model. Updated 7 days ago.
- protodune-raw-data-mgt**: protoDUNE raw data management document for conceptual design and requirements. Updated 19 days ago.
- duneggd**: forked from tyleration/duneggd. Updated 22 days ago.

- [Github.com/DUNE](https://github.com/DUNE) (need [Github account](#), and to be given access)



Software Repositories

★ DUNE

Deep Underground Neutrino Experiment top-level project

★ DUNE NDTF

DUNE NDTF software repository, and wiki for documentation.

dunebsm

Searches for Beyond the Standard Model Physics with DUNE

dunefgt

DUNE Fine-Grained Tracker Near Detector

dunelbl

DUNE Long-Baseline Physics Code and Documentation

dunendk

DUNE Nucleon Decay Code and Documentation

★ dunetpc

Project for DUNE LArTPC simulation, reconstruction and analysis

duneutil

HighLAND

Code and Documentation for the HighLAND analysis framework

★ ProtoDUNE

The project to build prototype for the DUNE detector data management, workflow management and analysis

★ ProtoDUNE Data Management

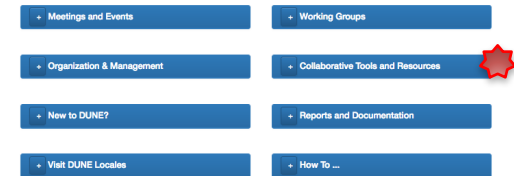
ProtoDUNE data management project

★ SAMDUNE

Subproject of ProtoDUNE to make changes to SAM needed to build data management, workflow and analysis for ProtoDUNE and then for DUNE


WA105

Dual-Phase TPC in a charged-particle beam at CERN




- [Redmine](#) – login using Fermi services username/password

Meetings and Events

-  [Meetings and Events](#)
- [Working Groups](#)
- [Organization & Management](#)
- [Collaborative Tools and Resources](#) 
- [New to DUNE?](#)
- [Reports and Documentation](#)
- [Visit DUNE Locales](#)
- [How To ...](#)

On the [DUNE-at Work](#) page

DUNE Events and Meetings



US/Central ▾
E. Berman ▾

Home Create event ▾ My profile Help ▾

Home >> Experiments >> DUNE

Everywhere

DUNE *(events overview)*

[Go back to category page](#)

< Monday 12 September 2016 – Sunday 18 September 2016 >

September, 2016

« < Today > »

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Select date

Display options:

Period: week

Mon 12/09	Tue 13/09	Wed 14/09	Thu 15/09	Fri 16/09
<p>08:00 DUNE Collaboration Meeting - FNAL (Fermilab)</p> <p>18:00 EC meeting (:)</p>	<p>09:00 DUNE Collaboration Meeting - FNAL (Fermilab)</p> <p>09:00 DUNE Beyond the Standard Model Group Meeting (Prof. Yu, Jaehoon) (ReadyTalk: 1818968)</p>	<p>08:00 DUNE Institutional Board Meeting at Fermilab, Septembe 2016 (Fermilab: 1 West)</p> <p>08:00 DUNE Collaboration Meeting - FNAL (Fermilab)</p>	<p>08:30 DUNE Collaboration Meeting - FNAL (Fermilab)</p> <p>10:00 Weekly meeting for HV test at PC4 (Hahn, Alan; Dr. Lockwitz, Sarah; Dr. Lin, Cheng-Ju; Nelson, Jeffrey) (Readytalk: 6244415#)</p> <p>18:00 EFIG Meeting 15 September 2016 (Fermilab: One East Conference Room)</p>	<p>09:00 Young DUNE: One day software tutorial (Dr. Martinez Caicedo, David; Dr. Whittington, Denver) (Fermilab: Hornes Nest: 8th Floor)</p> <p>09:00 HV components: PC-4 test, ProtoDUNE 1phase, FD... (Dr. Guarino, Victor; Hahn, Alan; Horton-Smith, Glenn; Dr. Lin, Cheng-Ju; Dr. Lockwitz, Sarah; Prof. Pantic, Emilija; Pietropaolo, Francesco; Renshaw, Andrew; Mr. Sands, Bill; Mr. Sharma, Rahul; Dr. Wang, Hanguo; Mr. Wu, Shuoxing; Yu, Bo) (ReadyTalk 5326476)</p> <p>10:00 DAQ Simulations Meeting</p>

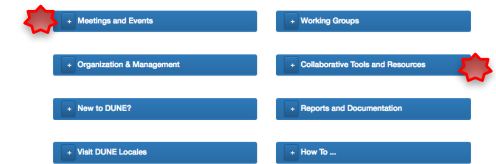
Meetings and Events

- [Indico](#)

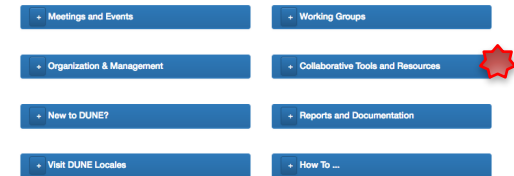
[General Help](#)
(including how to register with Indico, using Readytalk)

Acc & Beam Interface	40 events
CRB - National Labs	empty (protected)
Collaboration Meetings	7 events
Collaboration Resource Board (CRB)	6 events (protected)
Collaboration Weekly Meeting	23 events
Coordination Meetings	8 events
EFIG	8 events
Executive Committee	90 events
Far Detector	253 events
Institutional Board	8 events
International Neutrino Council (INC)	2 events (protected)
International Project Management Meetings	42 events
LBNC	empty
National and Institute Meetings	3 events

Near Detector	11 events
PMG (FNAL Project Management Group)	11 events
Physics	105 events
Prototypes	162 events
Resources Review Board (RRB)	3 events (protected)
Reviews	11 events
Satellite Meetings	5 events
Software and Computing	52 events
Speakers Committee	1 event
Task Force Meetings	21 events
Technical Board	22 events
US DUNE Mgmt	1 event
Workshops and other Meetings	3 events
Young DUNE	1 event



Mailing Lists



- [Mailing lists](#) – page includes information on joining/leaving/getting-info-from lists

Current LBNF/DUNE Mailing Lists and Other Mailing Lists of Interest to LBNF/DUNE

NOTE: Some lists may restrict postings to members or may be moderated. (NOTE: List Name is also a link to the list archives if they exist)

Mailing Lists

[+](#) new item or edit this list

✓ List Name	Description	Subscribe	Owners
cenf-lbnf-test@cern.ch	Single-phase prototype detector and beam test at CERN		Youlia Ilieva Krasteva , Thomas Kutter
dune-admin	Dune Administrators		Maxine Hronek
dune-cdr	Dune CDR discussions for review preparation	Subscribe (add your name)	Anne Heavey , Eileen Berman
dune-cern-proto	DUNE Cern prototype	Subscribe (add your name)	Thomas Kutter , Greg Pawloski
dune-cog	DUNE Communication and Outreach Group	Subscribe (add your name)	Kurt Riesselmann , Eileen Berman
dune-collab	DUNE Collaboration Mailing list	Subscribe (add your name)	Maury Goodman

Working Groups

- [Meetings and Events](#)
- [Working Groups](#)
- [Organization & Management](#)
- [Collaborative Tools and Resources](#)
- [New to DUNE?](#)
- [Reports and Documentation](#)
- [Visit DUNE Locales](#)
- [How To ...](#)

-
Working Groups

Physics WGs

Far Detector WGs

Near Detector WGs

Detector Prototype WGs

35-t Prototype

ProtoDUNE Single-Phase

ProtoDUNE Dual-Phase (external)

Acc & Beam Interface WGs

Software and Computing WGs

Task Forces

Participate in a WG



Each opens up to show individual working groups

Join a [Working Group](#) (some areas may need you to login with Fermi services username/password)

[DUNE at Work](#) [DUNEscience.org](#) [LBNF](#) [LBNF at Work](#) [EDIT LINKS](#)

Search

ProtoDUNE Working Group

Purpose:

- Validate construction techniques and operational performance of full-scale single-phase TPC prototype modules on the time scale needed to begin construction of first underground 10-kt module (late 2019).
- Collect and analyze the CERN beam test calibration data necessary for understanding the detector performance and its calibration.

Convenors:	Flavio Cavanna, Christos Touramanis
Deputies:	Thomas Kutter
Manager:	Maria Chamizo Llatas
Email list:	dune-cern-proto@fnal.gov (archives)

Links:

- ProtoDUNE at the CERN Neutrino Platform
- ProtoDUNE TDR Development
- ProtoDUNE indico meeting page
- DocDB docs tagged "ProtoDUNE"
- DUNE talks given on WG topic
- published articles by WG members on topic

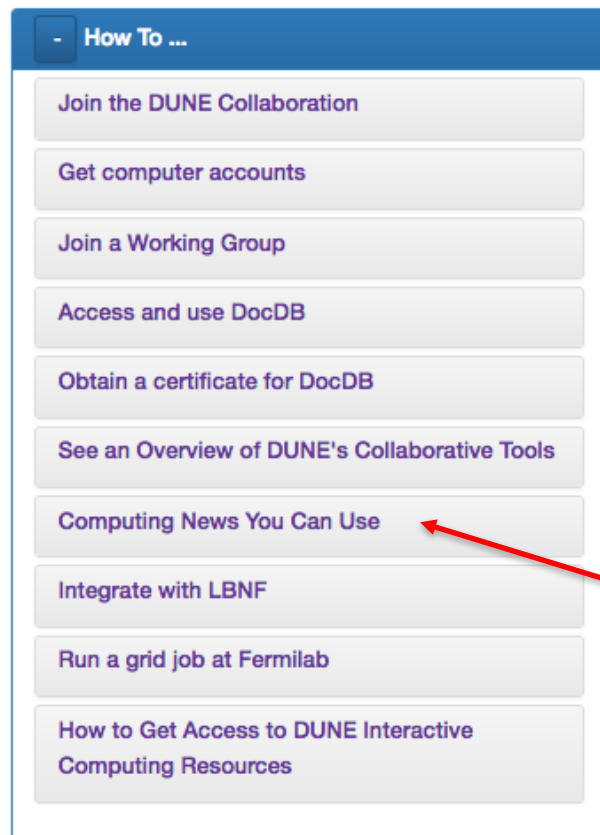
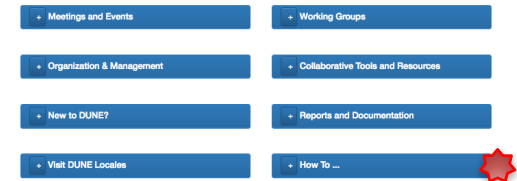
ProtoDUNE Work-in-Progress Docs

[new document](#) or drag files here

✓ Name Modified Modified By

There are no documents in this view.

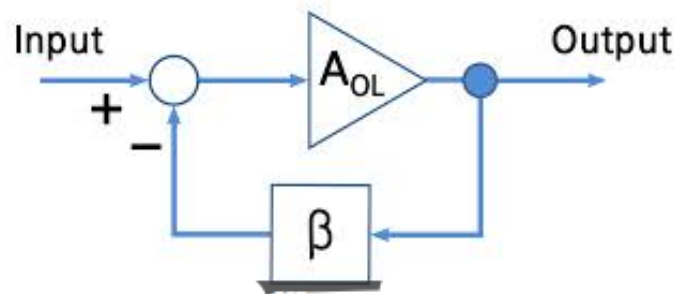
How To ...



General Info on all the Collaboration Tools

General tips on DUNE computing

More Feedback



dune-communication@fnal.gov

