

# October 5-7, 2022 LBNC Meeting

Oct 5, 2022, 8:00 AM → Oct 7, 2022, 1:05 PM US/Central  
COMITIUM (WH2SE) / ONE WEST (WH1W) / BREAKOUT ROOMS

Description PDT MDT CDT EDT UK CEST Mumbai  
06:00 07:00 08:00 09:00 14:00 15:00 18:30  
11:00 12:00 13:00 14:00 19:00 20:00 00:30

**ZOOM Open Sessions (Open to all):** <https://fnal.zoom.us/j/98846012545?pwd=TWZKUIFBY0xIOUVzYUlvSjRNeHdsQT09>

Meeting ID: 988 4601 2545

Passcode: 170498

**ZOOM Private Sessions - please see email**



Charge Letter LBNC...

Registration

You are registered for this event.

WEDNESDAY, OCTOBER 5

8:00 AM	→ 8:40 AM	<b>Executive Session Committee + Director</b>	🕒 40m	📍 COMITIUM (WH2SE)
8:40 AM	→ 9:20 AM	<b>LBNF Status (Progress, Plans and Organization) (30 + 10)</b>	🕒 40m	📍 One-West (WH1W)
		<b>Speaker:</b> Christopher Mossey (FNAL)		
		LBNF Update to the ...		
9:20 AM	→ 10:00 AM	<b>DUNE Status (30 + 10)</b>	🕒 40m	📍 One-West (WH1W)
		<b>Speaker:</b> Regina Rameika (Fermilab)		
		LBNC_DUNE_Status...		
10:00 AM	→ 10:15 AM	<b>Break</b>	🕒 15m	📍 Alcove of Comitium
10:15 AM	→ 10:45 AM	<b>FD1 Horizontal Drift (20 + 10)</b>	🕒 30m	📍 One-West (WH1W)
		<b>Speaker:</b> Eric James (Fermi National Accelerator Lab)		
		LBNC_Oct052022_v...	LBNC_Oct052022_v...	
10:45 AM	→ 11:15 AM	<b>FD2 Vertical Drift (20 + 10)</b>	🕒 30m	📍 One-West (WH1W)
		<b>Speaker:</b> Steve Kettell (BNL)		
		LBNC_VerticalDrift_...		
11:15 AM	→ 12:00 PM	<b>Near Detector (30 + 15)</b>	🕒 45m	📍 One-West (WH1W)
		<b>Speaker:</b> Hirohisa Tanaka		
		LBNC Oct 2022.pdf		
12:00 PM	→ 12:30 PM	<b>Computing (inc CDR Status) (20 + 10)</b>	🕒 30m	📍 One-West (WH1W)
		<b>Speaker:</b> Heidi Schellman (Oregon state)		
		LBNC_DUNE_Comp...	LBNC_DUNE_Comp...	
12:30 PM	→ 1:00 PM	<b>Executive Session</b>	🕒 30m	📍 COMITIUM (WH2SE)

1:00 PM → 1:05 PM **Adjourn/LUNCH** ⌚ 5m

📍 2X0

1:05 PM → 6:00 PM **Offline Develop any Questions, Queries for DUNE** ⌚ 4h 55m

📍 COMITIUM (WH2SE)

6:00 PM → 8:00 PM **Offsite Dinner LBNC Members at CityGate Grille** ⌚ 2h

2020 Calamos Ct, Naperville, IL 60563

## THURSDAY, OCTOBER 6


8:00 AM → 8:30 AM **Executive Session Committee (Deliver Questions/Queries to DUNE)** ⌚ 30m

📍 COMITIUM (WH2SE)

8:30 AM → 8:55 AM **ProtoDUNE Analyses & Publications (20 + 5)** ⌚ 25m

📍 One-West (WH1W)

**Speaker:** Tingjun Yang (Fermilab)

 protoduneanalysis...

8:55 AM → 9:25 AM **Oscillation Analysis Update (25 + 5)** ⌚ 30m

📍 One-West (WH1W)

**Speaker:** Chris Marshall (University of Rochester)

 OscAnaUpdate\_LBN...

9:25 AM → 9:30 AM **Switch Rooms** ⌚ 5m

9:30 AM → 11:30 AM **Beamline Status & Progress (<=60)** ⌚ 2h

📍 NUS ROOM (WH12NW)

LOCATION: NUS ROOM (WH12NW)


ZOOM: <https://fnal.zoom.us/j/9319735558?pwd=ZEMvMC9WcXRiRvVhFNlY3Q4MHF6Zz09>

Meeting ID: 931 9735 5558

Passcode: 346197

Mary Convery

**Speaker:** Mary Convery (Fermilab)

 LBNCBeamlineStat...

9:30 AM → 11:30 AM **DUNE Computing Progress (60)** ⌚ 2h

📍 BOARD ROOM (WH5SW)

LOCATION: BOARD ROOM (WH5SW)

ZOOM: <https://fnal.zoom.us/j/9319735558?pwd=ZTIJelF6bFRta2x0VytXbmdheUZldz09>

Meeting ID: 931 9735 5558


Passcode: 102900


-Expt->FNAL data challenge (Steve Timm)

-Workflow data challenges (Andrew McNab & Jake Calcutt)

-Database interfacing for ProtoDUNE (Ana Paul Vizcaya Hernandez)

**Speakers:** Ana Paula Vizcaya Hernandez (Colorado State University), Andrew McNab (University of Manchester), Jake Calcutt (Oregon State University), Steven Timm (Fermilab)


 20221006-mcnab-w...

 Database\_RunCondi...

 Goals\_dc4\_dd\_porti...

 Goals\_dc4\_dd\_porti...

 timm\_lbnc\_dc4\_pha...

 timm\_lbnc\_dc4\_pha...

9:30 AM → 11:30 AM **FD1- Horizontal Drift Progress (<= 120)** ⌚ 2h

📍 CONFSSIONAL (WH5)

APA Status – Christos Touramanis (30')


Discussion (30')

Cold Electronics Status – David Christian (30')

Discussion (30')

LOCATION: CONFESSIONAL (WH5E)  
ZOOM: https://fnal.zoom.us/j/93662295012?pwd=UW4yelVUMW9FS3N3dUZDa0lDVXJLQT09  
Meeting ID: 936 6229 5012  
Passcode: 310986

**Speakers:** Christofas Touramanis (University of Liverpool), David Christian (Fermilab)

 APA-CT.pdf  CE\_Oct\_06\_2022\_L...  CE\_Oct\_06\_2022\_L...








**9:30 AM** → 11:30 AM **FD2- Vertical Drift Progress inc Simulations (<=120)** ⌚ 2h

📍 APPEARANCE ROOM (WH13S...

LOCATION: APPEARANCE ROOM (WH13SE)  
ZOOM: https://fnal.zoom.us/j/96327146960?pwd=RU9taDFoc2JLOEZFV0t3ajNPUzZ6dz09  
Meeting ID: 963 2714 6960  
Passcode: 576833

9:30 Laura Paulucci /Dominic Brailsford (20'+10')  
10:00 Sandro Palestini (10'+10')  
10:20 Flavio Cavanna (10'+5')  
10:35 Dominique Duchesneau (10'+5')  
10:50 Francesco Pietropaolo (10'+5')  
11:05 Filippo Resnati (15'+10')  
LBNC only 11:30

**Speakers:** Dominic Brailsford (Lancaster University), Dominique Duchesneau (LAPP, CNRS-IN2P3), Filippo Resnati (CERN), Flavio Cavanna (Fermilab), Francesco Pietropaolo (CERN), Laura Paulucci (UFABC), Sandro Palestini (CERN), Steve Kettell (BNL)

 CRP-LBNC-061022....  FD2-VD\_PDS-LBNC...  LBNC\_Oct22.pdf  LBNC\_VDSim\_60Oct...  PDS-QandA-from LB...  
 TDR-LBNC-061022-...  VD-LBNC-2022-10-0...





**9:30 AM** → 11:30 AM **Near Detector Progress (definitive plan/scope) (<=120)** ⌚ 2h

📍 COMITIUM (WH2SE)

LOCATION: COMITIUM (WH2SE)  
ZOOM: https://fnal.zoom.us/j/91542627151?pwd=bDFpRE9Bc1BHeVU5TkhhZVh0UDA0Zz09  
Meeting ID: 915 4262 7151  
Passcode: 434147

SAND (Luca Stanco) 15' + 5'  
ND-LAr (Michele Weber) 15' + 5'  
TMS (Hugh Gallagher) 15' + 5'  
DUNE-PRISM (Michael Wilking) 15' + 5'

**Speakers:** Dan Dwyer (BNL), Hiro Tanaka (SLAC), Hirohisa Tanaka, Hugh Gallagher (Tufts University), Luca Stanco (INFN - Padova), Michael Wilking (Stony Brook University), Michele Weber (Fermilab), Michele Weber (Bern)

 Dwyer\_NDLArOvervi...  LBNC-SAND-Stanco...  prism\_lbnc.pdf  TMS\_LBNC\_100620...

**11:30 AM** → 11:45 AM **Break** ⌚ 15m

📍 Alcove of Comitium

**11:45 AM** → 1:00 PM **Executive Session with DUNE Spokes-only Session (<30) -- See email for ZOOM info** ⌚ 1h 15m

📍 COMITIUM (WH2SE)

Discussions, possible further queries

**1:00 PM** → 1:55 PM **Adjourn/LUNCH** ⌚ 55m

📍 2XO

**1:55 PM** → 2:00 PM **LBNC ONLY: Meet at ground floor West side doors for Fermilab Shuttle pickup** ⌚ 5m

📍 Ground Floor - WEST DOORS

**2:00 PM** → 3:10 PM **LBNC ONLY TOUR: SBND TPC** ⌚ 1h 10m

📍 D0 and SBND

**3:10 PM** → 5:00 PM **Offline Draft Closeout Slides and Report** ⌚ 1h 50m

📍 COMITIUM (WH2SE)

FRIDAY, OCTOBER 7

**8:00 AM** → 8:30 AM **Executive Session Committee Discussions (30)** ⌚ 30m

📍 COMITIUM (WH2SE)

**8:30 AM** → 9:30 AM **Cancelled -- Responses to Questions (if needed) (60)** ⌚ 1h

📍 COMITIUM (WH2SE)

**9:30 AM** → 11:30 AM **Executive Session (Closeout/Report Writing) - CLOSED** ⌚ 2h

📍 COMITIUM (WH2SE)

**11:30 AM** → 12:15 PM **Closeout Dry Run + Director - CLOSED** ⌚ 45m

📍 COMITIUM (WH2SE)

**12:15 PM** → 1:00 PM **Closeout - OPEN SESSION** ⌚ 45m

📍 One-West (WH1W)

**1:00 PM** → 1:05 PM **Adjourn/LUNCH** ⌚ 5m

📍 2XO