

Long Baseline Neutrino Committee (LBNC)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Update on LBNF

Friday, 23 June 2017 08:00 (35 minutes)

Update on CMGC, project planning, responses to previous recommendations, areas of concern/risk, update on milestones, strategy for engaging other DOE labs

Presenter: MOSSEY, Christopher (FNAL)

Session Classification: PLENARY

Contribution ID: 1

Type: **not specified**

FS Update and Planning

Friday, 23 June 2017 08:35 (20 minutes)

Presenter: MCCLUSKEY, Elaine (Fermilab)

Session Classification: PLENARY

Contribution ID: 2

Type: **not specified**

Discussion

Friday, 23 June 2017 08:55 (10 minutes)

Session Classification: PLENARY

Contribution ID: 3

Type: **not specified**

Discussion

Contribution ID: 4

Type: **not specified**

BREAK

Contribution ID: 5

Type: **not specified**

ProtoDUNE-DP/1x1x3m³ Update

Presenter: AUTIERO, Dario (IPNL)

Contribution ID: 6

Type: **not specified**

Neutrino Platform Update

Presenter: Prof. NESSI, Marzio (CERN)

Contribution ID: 7

Type: **not specified**

Discussion

Contribution ID: 8

Type: **not specified**

State of DUNE/Update to DUNE CD-2 Strategy

Thursday, 22 June 2017 08:30 (40 minutes)

ProtoDUNE updates, responses to previous recommendations, areas of concern/risk, update on milestones

Presenter: Prof. THOMSON, Mark (University of Cambridge)

Session Classification: Morning Plenary Session

Contribution ID: 9

Type: **not specified**

Discussion

Thursday, 22 June 2017 09:10 (15 minutes)

Session Classification: Morning Plenary Session

Contribution ID: **10**

Type: **not specified**

ProtoDUNE Overview/Update on Organization

Thursday, 22 June 2017 09:25 (20 minutes)

Presenter: Dr JAMES, Eric (Fermi National Accelerator Lab)

Session Classification: Morning Plenary Session

Contribution ID: 11

Type: **not specified**

Neutrino Platform Introduction and Update

Thursday, 22 June 2017 09:45 (20 minutes)

Presenter: Prof. NESSI, Marzio (CERN)

Session Classification: Morning Plenary Session

Contribution ID: 12

Type: **not specified**

Neutrino Platform Tour

Thursday, 22 June 2017 10:15 (2 hours)

Session Classification: Morning Plenary Session

Contribution ID: **13**

Type: **not specified**

Lunch

Contribution ID: 14

Type: **not specified**

Physics WG Update

Presenter: PATTERSON, Ryan (Caltech)

Contribution ID: 15

Type: **not specified**

Discussion

Contribution ID: **16**

Type: **not specified**

Computing & Software WG Update

Status of computing model, planning for protoDUNE

Presenter: Dr NORMAN, Andrew (Fermilab)

Contribution ID: 17

Type: **not specified**

Update on Reconstruction Development

Presenter: YANG, Tingjun (FNAL)

Contribution ID: **18**

Type: **not specified**

Discussion

Contribution ID: **19**

Type: **not specified**

Update on LBNF

Update on CMGC, project planning, responses to previous recommendations, areas of concern/risk, update on milestones, strategy for engaging other DOE labs

Presenter: MOSSEY, Christopher (FNAL)

Contribution ID: 20

Type: **not specified**

FS Update and Planning

Presenter: MCCLUSKEY, Elaine (Fermilab)

Contribution ID: **21**

Type: **not specified**

Discussion

Contribution ID: 22

Type: **not specified**

Break

Contribution ID: 23

Type: **not specified**

ProtoDUNE-SP Construction Update

Presenter: Dr RAMEIKA, Regina (Fermilab)

Contribution ID: 24

Type: **not specified**

Discussion

Contribution ID: 25

Type: **not specified**

ProtoDUNE-SP Installation/Commissioning Planning

Presenter: CAVANNA, Flavio (Fermilab)

Contribution ID: 26

Type: **not specified**

Update on ProtoDUNE-SP Cold Electronics Strategy

Presenter: CHRISTIAN, David (Fermilab)

Contribution ID: 27

Type: **not specified**

Subgroup 6: LBNF/DUNE Planning for Cryogenics

Friday, 23 June 2017 11:05 (1h 30m)

Vidyo Meeting Link: <https://vidyowebtrc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F4c>

Extension: 106150123

Presenters: MONTANARI, David (Fermilab); Prof. NESSI, Marzio (CERN); PORDES, Stephen (Fermilab)

Session Classification: Breakout Session - Subgroup 6

Contribution ID: 28

Type: **not specified**

Subgroup 1: protoDUNESP CE & TPC

Friday, 23 June 2017 09:05 (2 hours)

Vidyo Meeting Link: <https://vidyowebtrc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F2D>

Extension: 106150121

Presenters: WORCESTER, Matthew (BNL); Dr RAMEIKA, Regina (Fermilab)

Session Classification: Breakout Session I

Contribution ID: 29

Type: **not specified**

Subgroup 4: DUNE Physics & Reconstruction

Friday, 23 June 2017 09:05 (2 hours)

Vidyo Meeting Link: <https://vidyoweb rtc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2Fnv>

Extension: 106150122

Presenter: PATTERSON, Ryan (Caltech)

Session Classification: Breakout Session I

Contribution ID: **30**

Type: **not specified**

Subgroup 8: LBNF/DUNE Interfaces

Friday, 23 June 2017 09:05 (2 hours)

Vidyo Meeting Link: <https://vidyowebtrc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F4c>

Extension: 106150123

Presenters: MCCLUSKEY, Elaine (Fermilab); FOWLER, Jack (Duke University); STEWART, James (BNL); KETTELL, Steve (BNL)

Session Classification: Breakout Session I

Contribution ID: **31**

Type: **not specified**

Subgroup 5: DUNE Computing

Friday, 23 June 2017 14:50 (2 hours)

Vidyo Meeting Link: <https://vidyowebrtc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F2D>

Extension: 106150121

Presenter: Dr NORMAN, Andrew (Fermilab)

Session Classification: Breakout Session III

Contribution ID: 32

Type: **not specified**

Subgroup 7: LBNF Schedule and Planning

Friday, 23 June 2017 14:50 (2 hours)

Vidyo Meeting Link: <https://vidyoweb rtc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F4c>

Extension: 106150123

Presenters: MOSSEY, Christopher (FNAL); MCCLUSKEY, Elaine (Fermilab); Mr LUNDIN, Tracy (Fermilab)

Session Classification: Breakout Session III

Contribution ID: 33

Type: **not specified**

Subgroup 2: ProtoDUNE-SP DAQ

Friday, 23 June 2017 12:50 (2 hours)

Vidyo Meeting Link: <https://vidyowebtrc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F2D>

Extension: 106150121

Presenters: LEHMANN MIOTTO, Giovanna (CERN); HENNESSY, Karol (University of Liverpool)

Session Classification: Breakout Session II

Contribution ID: 34

Type: **not specified**

Subgroup 3: ProtoDUNE-SP Schedule and Planning

Friday, 23 June 2017 12:50 (2 hours)

Vidyo Meeting Link: <https://vidyowebrtc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2F4c>

Extension: 106150123

Presenter: Dr JAMES, Eric (Fermi National Accelerator Lab)

Session Classification: Breakout Session II

Contribution ID: 35

Type: **not specified**

Subgroup 9: ProtoDUNE-DP Technical, Schedule and Planning

Friday, 23 June 2017 12:50 (2 hours)

Vidyo Meeting Link: <https://vidyowebrtc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2Fnv>

Extension: 106150122

Presenter: AUTIERO, Dario (IPNL)

Session Classification: Breakout Session II

Contribution ID: **36**

Type: **not specified**

BY INVITATION : CLOSEOUT

Saturday, 24 June 2017 17:00 (1 hour)

Contribution ID: **38**

Type: **not specified**

CLOSED: LBNC Executive Session

Saturday, 24 June 2017 12:30 (2h 30m)

Summary from subgroup sessions

Contribution ID: 39

Type: **not specified**

CLOSED : LBNC Executive Session

Thursday, 22 June 2017 16:45 (1h 30m)

Discussion of follow-up questions for DUNE/LBNF

Contribution ID: **40**

Type: **not specified**

LBNC Dinner

Thursday, 22 June 2017 19:00 (2 hours)

Le Pizzeria, Route de Meyrin 286, 1217 Meyrin

Contribution ID: 43

Type: **not specified**

LBNC Members Only: DINNER

Wednesday, 21 June 2017 19:15 (1h 30m)

Contribution ID: 44

Type: **not specified**

LUNCH

Saturday, 24 June 2017 11:30 (1 hour)

Contribution ID: 45

Type: **not specified**

CLOSED: LBNC Executive Session

Saturday, 24 June 2017 15:00 (2 hours)

Full committee review of draft report

Contribution ID: 46

Type: **not specified**

CLOSED: LBNC Executive session – LBNC Members Only

Wednesday, 21 June 2017 17:00 (1h 15m)

Organization, charge and scope; main questions for this review

Contribution ID: 47

Type: **not specified**

BY INVITATION: Q&A Session with DUNE/LBNF Management

Saturday, 24 June 2017 10:30 (1 hour)

Contribution ID: 49

Type: **not specified**

CLOSED: LBNC Executive Session

Saturday, 24 June 2017 08:00 (2 hours)

Discussion and report writing by referee subgroups

Contribution ID: **50**

Type: **not specified**

LBNC Dinner

Friday, 23 June 2017 19:00 (2 hours)

Le Smash, Chemin de la Berne 5, 1217 Meyrin, Switzerland

Contribution ID: 51

Type: **not specified**

CLOSED : LBNC Executive Session

Friday, 23 June 2017 16:50 (1h 30m)

Discussion of follow-up questions for DUNE/LBNF

Vidyo Meeting Link: <https://vidyowebrtc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2Fnv>

Extension: 106150122

Contribution ID: 52

Type: **not specified**

CLOSED : Questions & Answers

Saturday, 24 June 2017 10:00 (30 minutes)

Contribution ID: 53

Type: **not specified**

BY INVITATION: Synergies with SBN Program

Wednesday, 21 June 2017 18:15 (30 minutes)

Update (remote)

NH Hotel Conference Room / Fermilab Director's Conference Room - WH2E

Presenter: Prof. SCHMITZ, David (University of Chicago)

Contribution ID: 54

Type: **not specified**

BY INVITATION: Planning for SBN Joint Analysis

Wednesday, 21 June 2017 18:45 (30 minutes)

Update (remote)

NH Hotel Conference Room / Fermilab Director's Conference Room - WH2E

Presenter: Dr PALAMARA, Ornella (Fermilab)

Contribution ID: 55

Type: **not specified**

ProtoDUNE-DP/1x1x3m³ Update

Presenter: AUTIERO, Dario (IPNL)

Contribution ID: 56

Type: **not specified**

ND Concept Development

Progress to date and future plans

Presenter: Prof. WEBER, Alfons (University of Oxford and STFC/RAL)

Contribution ID: 57

Type: **not specified**

Discussion

Contribution ID: 58

Type: **not specified**

Discussion

Thursday, 22 June 2017 10:05 (10 minutes)

Session Classification: Morning Plenary Session

Contribution ID: 59

Type: **not specified**

ProtoDUNE-SP Construction Update

Thursday, 22 June 2017 13:00 (30 minutes)

Presenter: Dr RAMEIKA, Regina (Fermilab)

Session Classification: Afternoon Plenary Session

Contribution ID: **60**

Type: **not specified**

ProtoDUNE-SP Installation/Commissioning Planning

Thursday, 22 June 2017 13:30 (20 minutes)

Presenter: CAVANNA, Flavio (Fermilab)

Session Classification: Afternoon Plenary Session

Contribution ID: **61**

Type: **not specified**

DUNE cold electronics strategy

Thursday, 22 June 2017 13:50 (20 minutes)

Presenter: CHRISTIAN, David (Fermilab)

Session Classification: Afternoon Plenary Session

Contribution ID: **62**

Type: **not specified**

Discussion

Thursday, 22 June 2017 14:10 (20 minutes)

Session Classification: Afternoon Plenary Session

Contribution ID: **63**

Type: **not specified**

ProtoDUNE-DP/1x1x3m³ Update

Thursday, 22 June 2017 14:30 (20 minutes)

Presenter: AUTIERO, Dario (IPNL)

Session Classification: Afternoon Plenary Session

Contribution ID: **64**

Type: **not specified**

Discussion

Thursday, 22 June 2017 14:50 (10 minutes)

Session Classification: Afternoon Plenary Session

Long Baseline Ne ... / Report of Contributions

Break

Contribution ID: 65

Type: **not specified**

Break

Thursday, 22 June 2017 15:00 (15 minutes)

Session Classification: Afternoon Plenary Session

Contribution ID: **66**

Type: **not specified**

Computing & Software WG Update

Thursday, 22 June 2017 15:15 (20 minutes)

Status of computing model, planning for protoDUNE

Presenter: Dr NORMAN, Andrew (Fermilab)

Session Classification: Afternoon Plenary Session

Contribution ID: 67

Type: **not specified**

Update on Reconstruction Development

Thursday, 22 June 2017 15:35 (20 minutes)

(remote)

Presenter: Dr HIMMEL, Alexander (Fermilab)

Session Classification: Afternoon Plenary Session

Contribution ID: **68**

Type: **not specified**

Discussion

Thursday, 22 June 2017 15:55 (10 minutes)

Session Classification: Afternoon Plenary Session

Contribution ID: **69**

Type: **not specified**

ND Concept Development

Thursday, 22 June 2017 16:05 (20 minutes)

Progress to date and future plans

Presenter: Prof. WEBER, Alfons (University of Oxford and STFC/RAL)

Session Classification: Afternoon Plenary Session

Contribution ID: 70

Type: **not specified**

Discussion

Thursday, 22 June 2017 16:25 (20 minutes)

Session Classification: Afternoon Plenary Session

Contribution ID: 71

Type: **not specified**

Lunch

Thursday, 22 June 2017 12:15 (45 minutes)