

European Neutrino Meeting LBNF/DUNE

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Thursday 7 April 2016 13:00 (15 minutes)

Presenter: ELSEN, Eckhard (CERN)

Contribution ID: 1

Type: **not specified**

**LBNF/DUNE Status and International Context
(political background to LBNF and DUNE, status in
the US, where CERN fits in, etc.)**

Thursday 7 April 2016 13:15 (30 minutes)

Presenter: LOCKYER, Nigel

Contribution ID: 2

Type: **not specified**

The LBNF beamline

Thursday 7 April 2016 14:05 (25 minutes)

Presenter: Prof. WEBER, Alfons (STFC - Rutherford Appleton Lab. (GB))

Contribution ID: 3

Type: **not specified**

The DUNE Far Detector (overview of the far detector, connection to science, timescales)

Thursday 7 April 2016 15:45 (30 minutes)

Presenter: SOLDNER-REMBOLD, Stefan (University of Manchester (GB))

Contribution ID: 4

Type: **not specified**

The DUNE Near Detector (reference design and options, scientific goal)

Thursday 7 April 2016 16:50 (30 minutes)

Presenter: SANCHEZ, Federico (IFAE)

Contribution ID: 5

Type: **not specified**

Introduction to DUNE (overview of DUNE and the collaboration organization)

Thursday 7 April 2016 14:30 (15 minutes)

Presenter: RUBBIA, Andre (Eidgenoessische Tech. Hochschule Zuerich (CH))

Contribution ID: 6

Type: **not specified**

Discussion and initial feedback

Thursday 7 April 2016 17:20 (25 minutes)

Presenters: RUBBIA, Andre (Eidgenoessische Tech. Hochschule Zuerich (CH)); THOMSON, Mark Andrew (University of Cambridge (GB))

Contribution ID: 7

Type: **not specified**

The DUNE Science Programme (highlights of science programme, sensitivities, etc.)

Thursday 7 April 2016 14:45 (30 minutes)

Presenter: THOMSON, Mark Andrew (University of Cambridge (GB))

Contribution ID: 8

Type: **not specified**

The CERN Neutrino Platform and the DUNE Prototypes (including an introduction to the ProtoDUNE programme and scientific/technical goals)

Thursday 7 April 2016 16:15 (35 minutes)

Presenter: NESSI, Marzio (CERN)

Contribution ID: 9

Type: **not specified**

Opportunities with ProtoDUNE-SP (focussing on areas where people can get involved)

Friday 8 April 2016 08:30 (1 hour)

Presenter: TOURAMANIS, Christofas (University of Liverpool (GB))

Contribution ID: **10**

Type: **not specified**

Opportunities with ProtoDUNE-DP (focussing on areas where people can get involved)

Friday 8 April 2016 09:30 (1 hour)

Presenter: AUTIERO, Dario (Universite Claude Bernard-Lyon I (FR))

Contribution ID: 11

Type: **not specified**

Towards the DUNE Far Detector Construction (how people can get involved, areas of development/R&D beyond ProtoDUNE programme, timescales etc.)

Friday 8 April 2016 11:00 (30 minutes)

Presenter: KARYOTAKIS, Yannis (Centre National de la Recherche Scientifique (FR))

Contribution ID: 12

Type: **not specified**

Opportunities and Challenges in DUNE computing/offline (computing model and status/needs for offline software)

Friday 8 April 2016 11:30 (30 minutes)

Presenter: SULEJ, Robert (National Centre for Nuclear Research (PL))

Contribution ID: 13

Type: **not specified**

Opportunities on LBNF target, horn and beam line

Friday 8 April 2016 13:00 (30 minutes)

Presenter: HURH, Patrick

Contribution ID: 14

Type: **not specified**

Options and opportunities with the DUNE Near Detector

Friday 8 April 2016 14:00 (30 minutes)

Presenter: EREDITATO, Antonio (Universitaet Bern (CH))

Contribution ID: 15

Type: **not specified**

A High-Pressure TPC for the DUNE Near Detector and Synergies with T2K, HK?

Friday 8 April 2016 14:30 (30 minutes)

Presenter: KABOTH, Asher (Imperial College London)

Contribution ID: 16

Type: **not specified**

Scientific Opportunities (organization of DUNE science groups, where effort is needed/wanted, ...)

Presenter: THOMSON, Mark Andrew (University of Cambridge (GB))

Contribution ID: 17

Type: **not specified**

Discussion: Enlarging European participation in LBNF/DUNE

Friday 8 April 2016 15:15 (45 minutes)

Presenters: RUBBIA, Andre (Eidgenoessische Tech. Hochschule Zuerich (CH)); THOMSON, Mark Andrew (University of Cambridge (GB))

Contribution ID: **18**

Type: **not specified**

Closure

Friday 8 April 2016 16:00 (1 minute)

Contribution ID: **19**

Type: **not specified**

LBNF / Detector Infrastructure

Thursday 7 April 2016 13:45 (20 minutes)

Presenter: NESSI, Marzio (CERN)

Contribution ID: 20

Type: **not specified**

The UK beamline/targetry proposal

Friday 8 April 2016 13:30 (10 minutes)

Presenter: DENSHAM, Chris (STFC - Rutherford Appleton Lab. (GB))

Contribution ID: 21

Type: **not specified**

Opportunities on LBNF detector infrastructure

Friday 8 April 2016 13:40 (20 minutes)

Presenter: NESSI, Marzio (CERN)