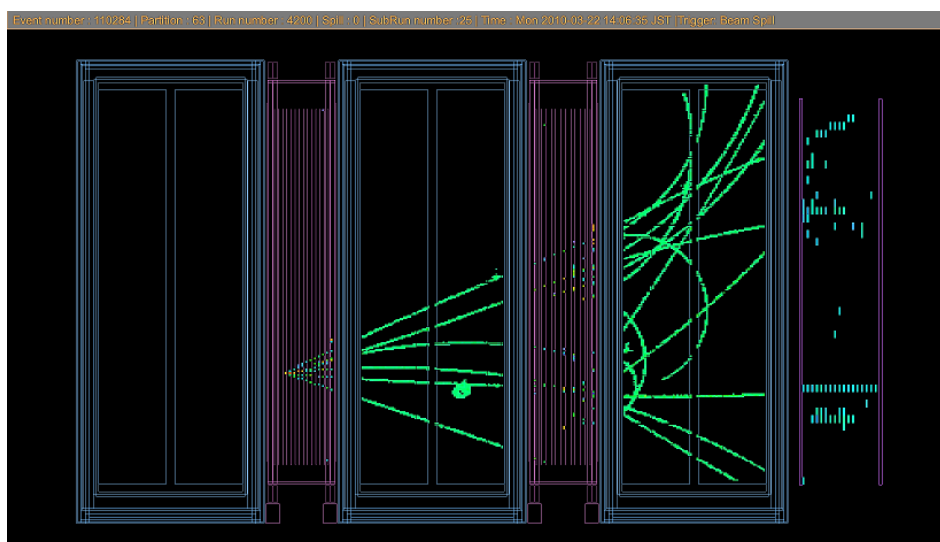


Workshop on Neutrino Near Detectors based on gas TPCs



Report of Contributions

Contribution ID: 12

Type: **not specified**

Welcome

Tuesday 8 November 2016 09:00 (10 minutes)

Presenter: ELSEN, Eckhard (CERN)

Session Classification: Session 1

Contribution ID: 13

Type: **not specified**

Goal of the workshop

Tuesday 8 November 2016 09:10 (10 minutes)

Presenters: BLONDEL, Alain (Universite de Geneve (CH)); ORGANISATION COMMITTEE

Session Classification: Session 1

Contribution ID: 14

Type: **not specified**

The Neutrino Platform

Tuesday 8 November 2016 09:20 (15 minutes)

Presenter: NESSI, Marzio (CERN)

Session Classification: Session 1

Contribution ID: 15

Type: **not specified**

T2K near detector performance and limits

Tuesday 8 November 2016 09:35 (20 minutes)

Presenter: GIGANTI, Claudio (C)

Session Classification: Session 2

Contribution ID: 16

Type: **not specified**

The T2K ND TPC

Tuesday 8 November 2016 09:55 (20 minutes)

Presenter: RADICIONI, Emilio (Universita e INFN, Bari (IT))

Session Classification: Session 2

Contribution ID: 17

Type: **not specified**

T2K - HyperK

Tuesday 8 November 2016 10:45 (20 minutes)

Presenter: HARTZ, Mark

Session Classification: Session 3

Contribution ID: **18**

Type: **not specified**

Hyper-K

Session Classification: Session 3

Contribution ID: **19**

Type: **not specified**

DUNE

Tuesday 8 November 2016 11:05 (20 minutes)

Presenter: KABOTH, Asher (RHUL/RAL)

Session Classification: Session 3

Contribution ID: 20

Type: **not specified**

Neutrino cross-sections

Tuesday 8 November 2016 11:25 (20 minutes)

Presenter: BOLOGNESI, Sara (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Session Classification: Session 3

Contribution ID: 21

Type: **not specified**

Theoretical challenges

Tuesday 8 November 2016 11:45 (20 minutes)

Presenter: SOBCZIK, Jan

Session Classification: Session 3

Contribution ID: 22

Type: **not specified**

The T2K Near Detector Upgrade

Tuesday 8 November 2016 13:30 (20 minutes)

Presenter: YOKOYAMA, Masashi (University of Tokyo)

Session Classification: Session 4

Contribution ID: 23

Type: **not specified**

The new TPCs

Tuesday 8 November 2016 13:50 (20 minutes)

Presenter: ZITO, Marco (Dapnia/SPP CEA-Saclay)

Session Classification: Session 4

Contribution ID: 24

Type: **not specified**

Active targets

Tuesday 8 November 2016 14:10 (20 minutes)

Presenter: QUILAIN, Benjamin

Session Classification: Session 4

Contribution ID: 25

Type: **not specified**

Quantitative assessment of upgraded performances

Tuesday 8 November 2016 14:30 (20 minutes)

Presenter: SGALABERNA, Davide (Universite de Geneve (CH))

Session Classification: Session 4

Contribution ID: 26

Type: **not specified**

First look at TPC field cage and mechanical constraints

Tuesday 8 November 2016 15:20 (20 minutes)

Presenters: SGALABERNA, Davide (Universite de Geneve (CH)); CADOUX, Frank Raphael (Universite de Geneve (CH))

Session Classification: Session 5

Contribution ID: 27

Type: **not specified**

TPC Gas system

Tuesday 8 November 2016 15:40 (20 minutes)

Presenter: GUIDA, Roberto (CERN)

Session Classification: Session 5

Contribution ID: 28

Type: **not specified**

MPGD for TPC/HPTPC

Tuesday 8 November 2016 16:00 (20 minutes)

Presenter: Dr GIOMATARIS, Ioanis (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Session Classification: Session 5

Contribution ID: 29

Type: **not specified**

Electronics based on the T2K TPC design

Tuesday 8 November 2016 16:40 (15 minutes)

Presenter: CALVET, Denis (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Session Classification: Session 5

Contribution ID: **30**

Type: **not specified**

Recent developments based on ILC TPC Electronics

Tuesday 8 November 2016 17:10 (15 minutes)

Presenter: OSKARSSON, Anders (Lund University (SE))

Session Classification: Session 5

Contribution ID: 31

Type: **not specified**

Electronics ideas from Poland

Tuesday 8 November 2016 16:55 (15 minutes)

Presenter: ZIEMBICKI, Marcin (Warsaw University of Technology (PL))

Session Classification: Session 5

Contribution ID: **32**

Type: **not specified**

Calibration

Tuesday 8 November 2016 16:20 (20 minutes)

Presenter: STEINMANN, Jochen (RWTH Aachen)

Session Classification: Session 5

Contribution ID: 33

Type: **not specified**

Scintillators for T0/TOF

Tuesday 8 November 2016 17:40 (20 minutes)

Presenter: KUDENKO, Yury (Russian Academy of Sciences (RU))

Session Classification: Session 5

Contribution ID: 34

Type: **not specified**

HPTPC R&D in UK for CPV

Wednesday 9 November 2016 09:50 (20 minutes)

Presenter: WASCKO, Morgan (Imperial College London)

Session Classification: Session 6

Contribution ID: 35

Type: **not specified**

HPTPC Studies for DUNE

Wednesday 9 November 2016 09:30 (20 minutes)

Presenter: MARTIN-ALBO SIMON, Justo (Universidad de Valencia)

Session Classification: Session 6

Contribution ID: 36

Type: **not specified**

HPTPC R&D in Spain for LB neutrinos

Wednesday 9 November 2016 10:10 (20 minutes)

Presenter: LUX, Thorsten (Universidad Autonoma de Barcelona)

Session Classification: Session 6

Contribution ID: 37

Type: **not specified**

HPTPC R&D in Spain for DM

Wednesday 9 November 2016 09:10 (20 minutes)

Presenter: IGUAZ GUTIERREZ, Francisco Jose (Universidad de Zaragoza (ES))

Session Classification: Session 6

Contribution ID: **38**

Type: **not specified**

HPTPC R&D in Spain for neutrinoless double beta decay

Wednesday 9 November 2016 08:30 (20 minutes)

Presenter: GOMEZ CADENAS, Juan Jose (Instituto de Fisica Corpuscular (ES))

Session Classification: Session 6

Contribution ID: 39

Type: **not specified**

HPTPC R&D in France

Wednesday 9 November 2016 10:30 (20 minutes)

Presenter: DELBART, Alain (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Session Classification: Session 6

Contribution ID: 40

Type: **not specified**

HPTPC R&D at CERN

Session Classification: Session 6

Contribution ID: 41

Type: **not specified**

HPTPC R&D in Japan for neutrinoless double beta decay

Wednesday 9 November 2016 08:50 (20 minutes)

Presenter: NAKAYA, Tsuyoshi (Kyoto University)

Session Classification: Session 6

Contribution ID: 42

Type: **not specified**

discussion about coordination of R&D

Wednesday 9 November 2016 10:50 (25 minutes)

Session Classification: Session 6

Contribution ID: 43

Type: **not specified**

New developments in RD51 related to MPGDs

Session Classification: Session 7: Recent developments from RD51, ILC-TPC, MPGD facilities, CERN beam and test facilities

Contribution ID: 44

Type: **not specified**

ILC

Wednesday 9 November 2016 12:45 (20 minutes)

Presenter: Dr MUELLER, Felix (DESY Hamburg)

Session Classification: Session 7: Recent developments from RD51, ILC-TPC, MPGD facilities, CERN beam and test facilities

Contribution ID: 45

Type: **not specified**

RD51 Scalable Readout System

Wednesday 9 November 2016 12:15 (15 minutes)

Presenter: MULLER, Hans

Session Classification: Session 7: Recent developments from RD51, ILC-TPC, MPGD facilities, CERN beam and test facilities

Contribution ID: 46

Type: **not specified**

RD51 test facilities

Wednesday 9 November 2016 12:30 (15 minutes)

Presenter: OLIVERI, Eraldo (CERN)

Session Classification: Session 7: Recent developments from RD51, ILC-TPC, MPGD facilities, CERN beam and test facilities

Contribution ID: 47

Type: **not specified**

Introduction to the RD51 Collaboration

Wednesday 9 November 2016 11:45 (15 minutes)

Presenter: GERALIS, Theodoros (Nat. Cent. for Sci. Res. Demokritos (GR))

Session Classification: Session 7: Recent developments from RD51, ILC-TPC, MPGD facilities, CERN beam and test facilities

Contribution ID: 48

Type: **not specified**

Example of a RD51 generic R&D - Optically Read Out GEM-Based TPC

Wednesday 9 November 2016 12:00 (15 minutes)

Presenter: BRUNBAUER, Florian Maximilian (CERN, Vienna University of Technology (AT))

Session Classification: Session 7: Recent developments from RD51, ILC-TPC, MPGD facilities, CERN beam and test facilities

Contribution ID: 49

Type: **not specified**

Social dinner

Tuesday 8 November 2016 19:00 (3 hours)

Contribution ID: 50

Type: **not specified**

The Quad: a general purpose modular readout system for TPCs

Tuesday 8 November 2016 17:25 (15 minutes)

Presenter: VAN DER GRAAF, Harry (Nikhef National institute for subatomic physics (NL))

Session Classification: Session 5