

ANT11

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday, 10 October 2011 08:30 (5 minutes)

Presenters: Prof. LANE, Charles (Drexel University); Dr MARICIC, Jelena (Drexel University)

Session Classification: Introduction

Contribution ID: 1

Type: **not specified**

Prospects of current and near-term neutrino experiments in light of T2K and MINOS results

Monday, 10 October 2011 08:35 (35 minutes)

Presenter: Dr HAYATO, Yoshinari (Kamioka, ICRR, Univ. of Tokyo)

Session Classification: Session 1: Current Prospects

Contribution ID: 2

Type: **not specified**

Status of NOvA

Monday, 10 October 2011 09:10 (25 minutes)

Presenter: CORWIN, Luke (Indiana University)

Session Classification: Session 1: Current Prospects

Contribution ID: 3

Type: **not specified**

Overview of LBNE

Monday, 10 October 2011 09:35 (35 minutes)

Presenter: STEWART, James (BNL)

Session Classification: Session 2A: Future experiments

Contribution ID: 4

Type: **not specified**

Overview of HyperKamiokande

Monday, 10 October 2011 10:10 (35 minutes)

Presenter: SHIOZAWA, Masato (ICRR-University of Tokyo)

Session Classification: Session 2A: Future experiments

Contribution ID: 5

Type: **not specified**

Overview of LENA

Monday, 10 October 2011 11:10 (35 minutes)

Presenter: WINTER, Juergen (Technischen Universität München)

Session Classification: Session 2A: Future experiments

Contribution ID: 6

Type: **not specified**

Mini Time Cube and reactor neutrino anomaly

Monday, 10 October 2011 11:45 (45 minutes)

Presenter: LEARNED, John (University of Hawaii at Manoa)

Session Classification: Session 2B: Challenges and Advances

Contribution ID: 7

Type: **not specified**

Positronium signature in liquid and plastic scintillator

Monday, 10 October 2011 13:30 (25 minutes)

Presenter: FRANCO, Davide (APC Univ. Paris 7)

Session Classification: Session 2B: Challenges and Advances

Contribution ID: 8

Type: **not specified**

Neutron detection and identification using ZnS:Ag/6LiF in segmented neutrino detectors

Monday, 10 October 2011 13:55 (25 minutes)

Presenter: REYNA, David (Sandia National Laboratory)

Session Classification: Session 2B: Challenges and Advances

Contribution ID: 9

Type: **not specified**

PMT development at ETL

Monday, 10 October 2011 14:20 (25 minutes)

Presenter: MCALPINE, Ron (Electron Tube Enterprises)

Session Classification: Session 3: Photon Detectors I

Contribution ID: **10**

Type: **not specified**

PMT development at Hamamatsu

Monday, 10 October 2011 14:45 (25 minutes)

Presenter: YOSHIZAWA, Yuji (Hamamatsu Corporation)

Session Classification: Session 3: Photon Detectors I

Contribution ID: 11

Type: **not specified**

PMT response

Monday, 10 October 2011 15:10 (25 minutes)

Presenter: SEIBERT, Stan (University of Pennsylvania)

Session Classification: Session 3: Photon Detectors I

Contribution ID: 12

Type: **not specified**

PMT-LENA

Monday, 10 October 2011 15:35 (20 minutes)

Presenter: WINTER, Juergen (Technischen Universität München)

Session Classification: Session 3: Photon Detectors I

Contribution ID: 13

Type: **not specified**

PMT pressure tests

Monday, 10 October 2011 16:15 (35 minutes)

Presenter: DIWAN, Milind (BNL)

Session Classification: Session 3: Photon Detectors I

Contribution ID: 14

Type: **not specified**

WLS plates for LBNE

Monday, 10 October 2011 16:50 (20 minutes)

Presenter: JOHNSTON, William (Colorado State Univ.)

Session Classification: Session 3: Photon Detectors I

Contribution ID: 15

Type: **not specified**

Winston cones for LBNE

Monday, 10 October 2011 17:10 (20 minutes)

Presenter: PERASSO, Stefano (Drexel University)

Session Classification: Session 3: Photon Detectors I

Contribution ID: **16**

Type: **not specified**

HAPDs

Contribution ID: 17

Type: **not specified**

LAPPDs: MCPs and overview

Tuesday, 11 October 2011 08:55 (25 minutes)

Presenter: Prof. FRISCH, Henry (Enrico Fermi Institute and Argonne National Lab)

Session Classification: Session 4: Photon Detectors II

Contribution ID: **18**

Type: **not specified**

LAPPDs: photocathode research

Tuesday, 11 October 2011 09:20 (25 minutes)

Presenter: ATTENKOFER, Klaus (Univ of Chicago)

Session Classification: Session 4: Photon Detectors II

Contribution ID: 19

Type: **not specified**

LAPPDs: picosecond readout

Tuesday, 11 October 2011 09:45 (25 minutes)

Presenter: OBERLA, Eric (University of Chicago)

Session Classification: Session 4: Photon Detectors II

Contribution ID: 20

Type: **not specified**

Discussion on photodetectors

Tuesday, 11 October 2011 10:10 (20 minutes)

Presenters: SANCHEZ, Mayly (Iowa State University); MANTSCH, Paul (FNAL); Dr DJURCIC, Zelimir (ANL)

Session Classification: Session 4: Photon Detectors II

Contribution ID: 21

Type: **not specified**

Gd overview

Tuesday, 11 October 2011 10:50 (30 minutes)

Presenter: VAGINS, Mark (UC Irvine, Institute for Physics and Mathematics of the Universe)

Session Classification: Session 5: Materials

Contribution ID: 22

Type: **not specified**

Water quality: Gd

Tuesday, 11 October 2011 11:20 (25 minutes)

Presenter: RENSHAW, Andre (UC Irvine)

Session Classification: Session 5: Materials

Contribution ID: 23

Type: **not specified**

MC studies on photo coverage with Gd

Tuesday, 11 October 2011 11:45 (25 minutes)

Presenter: FELDE, John (UC Davis)

Session Classification: Session 5: Materials

Contribution ID: 24

Type: **not specified**

Water detector at LLNL

Tuesday, 11 October 2011 13:10 (30 minutes)

Presenter: DAZELEY, Steven (LLNL)

Session Classification: Session 5: Materials

Contribution ID: 25

Type: **not specified**

Overview of scintillation systems

Tuesday, 11 October 2011 13:40 (30 minutes)

Presenter: BICK, Daniel (DESY)

Session Classification: Session 5: Materials

Contribution ID: 26

Type: **not specified**

Water-based liquid scintillator for large physics experiments

Tuesday, 11 October 2011 14:10 (25 minutes)

Presenter: Dr YEH, Minfang (Brookhaven National Laboratory)

Session Classification: Session 5: Materials

Contribution ID: 27

Type: **not specified**

Scintillator (SNO+ Nd loaded, LENS with In, Gd loading)

Tuesday, 11 October 2011 14:35 (25 minutes)

Presenter: HU, Liang Ming (Virginia Tech)

Session Classification: Session 5: Materials

Contribution ID: 28

Type: **not specified**

LS veto for large arrays of macro bolometers

Tuesday, 11 October 2011 15:00 (25 minutes)

Presenter: GORLA, Paolo (INFN - Sezione di Roma Tor Vergata)

Session Classification: Session 5: Materials

Contribution ID: 29

Type: **not specified**

Material compatibility testing

Tuesday, 11 October 2011 15:25 (25 minutes)

Presenter: HANS, Sunej (BNL)

Session Classification: Session 5: Materials

Contribution ID: **30**

Type: **not specified**

Liner for LBNE Water Cherenkov detector

Tuesday, 11 October 2011 16:10 (25 minutes)

Presenter: FEYZI, Farshid (University of Wisconsin-Madison)

Session Classification: Session 6: Vetos/Liners

Contribution ID: 31

Type: **not specified**

SNO experience

Tuesday, 11 October 2011 16:35 (25 minutes)

Presenter: HALLMAN, Doug (Laurentian University)

Session Classification: Session 6: Vetos/Liners

Contribution ID: 32

Type: **not specified**

KamLAND experience

Tuesday, 11 October 2011 17:00 (25 minutes)

Presenter: KOGA, Masayuki (Tohoku University)

Session Classification: Session 6: Vetos/Liners

Contribution ID: 33

Type: **not specified**

Physics arguments for detector locations

Wednesday, 12 October 2011 08:30 (30 minutes)

Presenter: TRZASKA, Wladyslaw Henryk (Jyvaskyla University)

Session Classification: Session 7: Site Studies

Contribution ID: 34

Type: **not specified**

Geotechnical studies for LENA at Pyhasalmi

Wednesday, 12 October 2011 09:00 (30 minutes)

Presenter: NUIJTEN, Guido (Rockplan)

Session Classification: Session 7: Site Studies

Contribution ID: 35

Type: **not specified**

US Geotechnical studies for LBNE at Homestake

Wednesday, 12 October 2011 09:30 (30 minutes)

Presenter: VARDIMAN, David (Sanford Lab)

Session Classification: Session 7: Site Studies

Contribution ID: 36

Type: **not specified**

Site studies for Hyper-K

Wednesday, 12 October 2011 10:00 (30 minutes)

Presenter: KUROKAWA, Hiroshi (Mitsui Company)

Session Classification: Session 7: Site Studies

Contribution ID: 37

Type: **not specified**

Polfit tool for SK

Wednesday, 12 October 2011 11:00 (30 minutes)

Presenter: OKUMURA, Kimihiro (ICRR-University of Tokyo)

Session Classification: Session 8: Software and Analysis

Contribution ID: **38**

Type: **not specified**

Reconstruction using timing for water detectors

Wednesday, 12 October 2011 11:30 (30 minutes)

Presenter: WETSTEIN, Matt (University of Chicago/ANL)

Session Classification: Session 8: Software and Analysis

Contribution ID: 39

Type: **not specified**

CHROMA (ray tracing + reconstruction)

Wednesday, 12 October 2011 13:00 (25 minutes)

Presenter: SEIBERT, Stan (University of Pennsylvania)

Session Classification: Session 8: Software and Analysis

Contribution ID: 40

Type: **not specified**

LNBE WC detector reconstruction and LCs

Wednesday, 12 October 2011 13:25 (35 minutes)

Presenter: QIAN, Xin (Caltech)

Session Classification: Session 8: Software and Analysis

Contribution ID: 41

Type: **not specified**

Discussion: Neutron yield in atmospheric neutrino interactions: do we need to mount an experiment to measure it?

Wednesday, 12 October 2011 14:00 (1 hour)

Convener: Svoboda (UC Davis)

Presenter: DJURCIC, Zelimir (ANL)

Session Classification: Round table discussion

Contribution ID: 42

Type: **not specified**

Recap and future steps (Convener: Milind Diwan)

Wednesday, 12 October 2011 16:20 (1 hour)

Session Classification: Round table discussion

Contribution ID: 43

Type: **not specified**

OPERA discussion (Convener: John J. Learned)

Wednesday, 12 October 2011 15:20 (1 hour)

Presenter: SANCHEZ, Mayly (Iowa State Uniiversity)

Session Classification: Round table discussion