

2nd International Workshop towards the Giant Liquid Argon Charge Imaging Experiment (GLA2011)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening remarks

Tuesday, 7 June 2011 08:30 (20 minutes)

Session Classification: Welcome address

Contribution ID: 1

Type: **not specified**

Welcome address from the Vice-Rector of University of Jyväskylä

Tuesday, 7 June 2011 08:50 (20 minutes)

Presenter: Prof. MANNINEN, Matti (University of Jyväskylä)

Session Classification: Welcome address

Contribution ID: 2

Type: **not specified**

General overview talk

Contribution ID: 3

Type: **not specified**

Overview talk on long baseline oscillation experiments

Tuesday, 7 June 2011 09:10 (40 minutes)

Presenter: Prof. DIWAN, Milind (BNL)

Session Classification: Main goals of Giant Liquid Argon Charge Imaging Experiment

Contribution ID: 4

Type: **not specified**

Overview talk on astrophysical neutrinos

Tuesday, 7 June 2011 09:50 (40 minutes)

Presenter: Prof. HANNESTAD, Steen (Aarhus University)

Session Classification: Main goals of Giant Liquid Argon Charge Imaging Experiment

Contribution ID: 5

Type: **not specified**

Overview talk on proton decay searches

Tuesday, 7 June 2011 10:30 (40 minutes)

Presenter: Dr HAYATO, Yoshinari (ICRR)

Session Classification: Main goals of Giant Liquid Argon Charge Imaging Experiment

Contribution ID: 6

Type: **not specified**

Status of CP violation searches in hadronic sector

Tuesday, 7 June 2011 11:10 (40 minutes)

Presenter: Dr CECCUCCI, Augusto (CERN)

Session Classification: Main goals of Giant Liquid Argon Charge Imaging Experiment

Contribution ID: 7

Type: **not specified**

FNAL-DUSEL + Project X

Tuesday, 7 June 2011 14:00 (30 minutes)

Presenter: Dr HOLMES, Steve (FNAL)

Session Classification: Next generation long baseline neutrino beams

Contribution ID: 8

Type: **not specified**

Near and far future at J-PARC neutrino beam

Tuesday, 7 June 2011 14:30 (30 minutes)

Presenter: Prof. KOBAYASHI, Takashi (KEK-IPNS)

Session Classification: Next generation long baseline neutrino beams

Contribution ID: 9

Type: **not specified**

Plans for CERN-LAGUNA-LBNO beams and beyond

Tuesday, 7 June 2011 15:00 (30 minutes)

Presenter: Dr EFTHYMIOPOULOS, Ilias (CERN)

Session Classification: Next generation long baseline neutrino beams

Contribution ID: **10**

Type: **not specified**

ICARUS T600 results

Tuesday, 7 June 2011 17:40 (30 minutes)

Presenter: Prof. KISIEL, Jan (University of Silesia)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects
(I)

Contribution ID: **11**

Type: **not specified**

ArgoNeut results

Wednesday, 8 June 2011 08:30 (20 minutes)

Presenter: Prof. BROMBERG, Carl (Michigan State University)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: 12

Type: **not specified**

T32 @ J-PARC results

Wednesday, 8 June 2011 08:50 (20 minutes)

Presenter: Prof. MARUYAMA, Takasumi (KEK-IPNS)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: 13

Type: **not specified**

Status of MicroBOONE

Wednesday, 8 June 2011 09:10 (20 minutes)

Presenter: Dr GUENETTE, Roxanne (Yale University)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: 14

Type: **not specified**

Status of the LBNE project

Wednesday, 8 June 2011 09:30 (45 minutes)

Presenter: Prof. SVOBODA, Robert (UC Davis)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: 15

Type: **not specified**

Results from XENON-100 and future plans

Wednesday, 8 June 2011 10:45 (30 minutes)

Presenter: Dr MELGAREJO FERNANDEZ, Antonio Jesus (Columbia University)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: 16

Type: **not specified**

Status of XMASS

Wednesday, 8 June 2011 11:15 (20 minutes)

Presenter: Dr TAKEDA, Atsushi (ICRR, Univ. of Tokyo)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: 17

Type: **not specified**

Status of PANDA-X

Contribution ID: **18**

Type: **not specified**

Status of DEAP/CLEAN

Contribution ID: **19**

Type: **not specified**

Status of WARP

Wednesday, 8 June 2011 11:35 (30 minutes)

Presenter: Dr MONTANARI, Claudio (INFN Pavia)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: 20

Type: **not specified**

Status of ArDM

Wednesday, 8 June 2011 12:05 (30 minutes)

Presenter: Dr CURIONI, Alessandro (ETH Zurich)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (II)

Contribution ID: **21**

Type: **not specified**

Status of DarkSide

Contribution ID: 23

Type: **not specified**

Design and Performance of the ATLAS LAr calorimeter

Wednesday, 8 June 2011 14:30 (30 minutes)

Presenter: Prof. DEL PESO, Jose (UAM)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (III)

Contribution ID: 24

Type: **not specified**

Status of LAPD

Thursday, 9 June 2011 08:50 (30 minutes)

Presenter: Dr REBEL, Brian (FNAL)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (II)

Contribution ID: 25

Type: **not specified**

Development of cold electronics

Wednesday, 8 June 2011 16:40 (30 minutes)

Presenter: Prof. RADEKA, Veljko (BNL)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (I)

Contribution ID: 27

Type: **not specified**

Development of new solutions for warm electronics

Wednesday, 8 June 2011 17:10 (20 minutes)

Presenter: Prof. CENTRO, Sandro (Padova University and INFN Padova)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (I)

Contribution ID: 28

Type: **not specified**

Recent results on LAr LEM TPC R&D

Wednesday, 8 June 2011 16:00 (20 minutes)

Presenter: Mr RESNATI, Filippo (ETH Zurich)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (I)

Contribution ID: 29

Type: **not specified**

Micromegas for charge readout of double phase Liquid Argon TPCs

Wednesday, 8 June 2011 16:20 (20 minutes)

Presenter: Dr ZITO, Marco (CEA Saclay)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology
(I)

Contribution ID: 30

Type: **not specified**

Lightguide detector for LAr TPC: Optical Simulation and Reconstruction Methods

Wednesday, 8 June 2011 17:30 (20 minutes)

Presenter: Mr JONES, Benjamin (MIT)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (I)

Contribution ID: 31

Type: **not specified**

Status of ArgonTube

Tuesday, 7 June 2011 18:10 (20 minutes)

Presenter: Dr MESSINA, Marcello (University of Bern)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (I)

Contribution ID: 32

Type: **not specified**

Status and plans with 6m3 at CERN

Thursday, 9 June 2011 09:20 (20 minutes)

Presenter: Dr MARCHIONNI, Alberto (ETH Zurich)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (II)

Contribution ID: 33

Type: **not specified**

Experience and issues in underground construction

Tuesday, 7 June 2011 16:20 (20 minutes)

Presenter: Dr AULD, Alan (Alan Auld Group LTD)

Session Classification: Large cryogenic systems and industrial components

Contribution ID: 34

Type: **not specified**

Study of large cryogenic tanks for LAr storage

Tuesday, 7 June 2011 16:40 (30 minutes)

Presenter: Dr HAWORTH, Mike (Technodyne International Ltd)

Session Classification: Large cryogenic systems and industrial components

Contribution ID: 35

Type: **not specified**

Large tanks and cryogenic facilities

Tuesday, 7 June 2011 17:00 (20 minutes)

Presenter: Dr SIALELLI, Jérôme (Société Française d'Etudes et de Réalisations d'Équipements Gaziers (Sofregaz))

Session Classification: Large cryogenic systems and industrial components

Contribution ID: 36

Type: **not specified**

The cryogenic systems of the LHC experiments

Wednesday, 8 June 2011 15:00 (30 minutes)

Presenter: Dr BREMER, Johan (CERN)

Session Classification: Status of ongoing or planned Liquid Argon and Xenon based projects (III)

Contribution ID: 37

Type: **not specified**

Data handling and storage services

Thursday, 9 June 2011 15:30 (20 minutes)

Presenter: Dr FORSSTRÖM, Pirjo-Leena (Director, Data Services for Science and Culture, CSC)

Session Classification: Studies on event reconstruction

Contribution ID: 38

Type: **not specified**

Pyhäsalmi site study

Thursday, 9 June 2011 10:30 (30 minutes)

Presenter: UOTINEN, Lauri (Kalliosuunnittelu Oy Rockplan Ltd)

Session Classification: Underground location studies

Contribution ID: 39

Type: **not specified**

Okinoshima site study

Thursday, 9 June 2011 11:00 (30 minutes)

Presenter: Prof. YOSHIOKA, Masakazu (KEK-IPNS)

Session Classification: Underground location studies

Contribution ID: 40

Type: **not specified**

Preliminary design of the underground facilities for the GLACIER experiment cavern at Canfranc

Thursday, 9 June 2011 11:30 (30 minutes)

Presenter: Dr SÁENZ SANZ, Clemente (ACCIONA Ingeniería)

Session Classification: Underground location studies

Contribution ID: 41

Type: **not specified**

LArSoft

Thursday, 9 June 2011 14:30 (30 minutes)

Presenter: Dr CHURCH, Eric (FNAL)

Session Classification: Studies on event reconstruction

Contribution ID: 42

Type: **not specified**

QScan

Thursday, 9 June 2011 15:00 (30 minutes)

Presenter: Mr LUSI, Devis (ETH Zurich)

Session Classification: Studies on event reconstruction

Contribution ID: 43

Type: **not specified**

Double-LAr proposal at CERN PS

Thursday, 9 June 2011 16:30 (30 minutes)

Presenter: Dr GUGLIELMI, Alberto (Padova University and INFN Padova)

Session Classification: Future steps towards the realization of a Giant Liquid Argon Charge Imaging Detector

Contribution ID: 44

Type: **not specified**

Status of LBNE LAr and LAr1

Thursday, 9 June 2011 17:00 (30 minutes)

Presenter: Dr BALLER, Bruce (FNAL)

Session Classification: Future steps towards the realization of a Giant Liquid Argon Charge Imaging Detector

Contribution ID: 45

Type: **not specified**

An underground kton-scale pilot project

Thursday, 9 June 2011 17:30 (30 minutes)

Presenter: Prof. RUBBIA, Andre (ETH Zurich)

Session Classification: Future steps towards the realization of a Giant Liquid Argon Charge Imaging Detector

Contribution ID: 46

Type: **not specified**

Discussion and conclusion

Thursday, 9 June 2011 18:00 (30 minutes)

Presenter: Prof. HASEGAWA, Takuya (KEK-IPNS)

Session Classification: Future steps towards the realization of a Giant Liquid Argon Charge Imaging Detector

Contribution ID: 47

Type: **not specified**

Development and experience with very high voltage feed-throughs

Thursday, 9 June 2011 08:30 (20 minutes)

Presenter: Prof. WANG, Hanguo (UCLA)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (II)

Contribution ID: 48

Type: **not specified**

Liquid Argon Purification Studies using a Novel Recirculation System

Thursday, 9 June 2011 09:40 (20 minutes)

Presenter: Dr MAVROKORIDIS, Kostas (University of Liverpool)

Session Classification: Improvements of the Liquid Argon Charge Imaging technology (II)

Contribution ID: 49

Type: **not specified**

Very Short Baseline Neutrino Oscillation Experiments using Cyclotron Decay-at-Rest Sources

Tuesday, 7 June 2011 11:50 (20 minutes)

Presenter: Dr AGARWALLA, Sanjib (IFIC Valencia)

Session Classification: Main goals of Giant Liquid Argon Charge Imaging Experiment