

IWAD and the 14th RD51 Collaboration Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

RD51 Introduction

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

Contribution ID: 1

Type: **not specified**

Tech-etch GEM production status

Wednesday 29 October 2014 10:10 (20 minutes)

Presenter: SURROW, Bernd

Session Classification: WG6 - Production

Contribution ID: 2

Type: **not specified**

GEM foil development at ECIL (presented by S.Nagarajan)

Wednesday 29 October 2014 10:30 (20 minutes)

Presenter: DUBEY, Anand Kumar (Department of Atomic Energy (IN))

Session Classification: WG6 - Production

Contribution ID: 3

Type: **not specified**

Single mask GEM foil development in India (presented by P.Menon)

Wednesday 29 October 2014 10:50 (20 minutes)

Presenter: PANT, Lalit (Bhabha Atomic Research Centre (IN))

Session Classification: WG6 - Production

Contribution ID: 4

Type: **not specified**

GEM foils quality control from high resolution images

Wednesday 29 October 2014 11:50 (20 minutes)

Presenter: GUTIERREZ, Rafael M (Universidad Antonio Nariño)

Session Classification: WG6 - Production

Contribution ID: 5

Type: **not specified**

Dry process for GEM foil fabrication (presented by A.Joshi)

Wednesday 29 October 2014 12:10 (20 minutes)

Presenter: PANT, Lalit (Bhabha Atomic Research Centre (IN))

Session Classification: WG6 - Production

Contribution ID: 6

Type: **not specified**

Gem production at Techtra

Wednesday 29 October 2014 12:30 (20 minutes)

Presenter: BIELOWKA, Piotr (Unknown)

Session Classification: WG6 - Production

Contribution ID: 7

Type: **not specified**

GEM and Micromegas standard detectors

Wednesday 29 October 2014 12:50 (20 minutes)

Presenter: FRANCHINO, Silvia (CERN)

Session Classification: WG6 - Production

Contribution ID: 8

Type: **not specified**

New results from the Test Beam of Hybrid THGEM-Micromegas Photon Detector

Friday 31 October 2014 10:50 (20 minutes)

Presenter: DASGUPTA, Shuddha Shankar (INFN - Trieste)

Session Classification: WG2 - Physics issues

Contribution ID: 9

Type: **not specified**

New results from LCTPC tests

Friday 31 October 2014 10:10 (20 minutes)

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

Session Classification: WG2 - Physics issues

Contribution ID: **10**

Type: **not specified**

An application of GEM detectors for XRF imaging

Presenters: Dr MINDUR, Bartosz (AGH University of Science and Technology); MINDUR, Bartosz (AGH University of Science and Technology (PL))

Contribution ID: 11

Type: **not specified**

GEM behaviour at high x-ray fluxes

Friday 31 October 2014 11:50 (20 minutes)

Presenter: Dr RESNATI, Filippo (CERN)

Session Classification: WG2 - Physics issues

Contribution ID: 12

Type: **not specified**

Update on Charge Transfer Properties Through Graphene Layers in Gas Detectors

Friday 31 October 2014 11:30 (20 minutes)

Presenter: THUINER, Patrik (Vienna University of Technology (AT))

Session Classification: WG2 - Physics issues

Contribution ID: 13

Type: **not specified**

What we learnt from the ATLAS-Mamma project

Friday 31 October 2014 09:30 (40 minutes)

Presenter: WOTSCHACK, Joerg (CERN)

Session Classification: WG2 - Physics issues

Contribution ID: 14

Type: **not specified**

CMS muon chambers

Thursday 30 October 2014 10:10 (20 minutes)

Presenter: BANERJEE, Sunanda (Saha Institute of Nuclear Physics (IN))

Session Classification: WG1 - Technology

Contribution ID: 15

Type: **not specified**

ATLAS muon chambers: from MSW1 to MSW2

Thursday 30 October 2014 10:30 (20 minutes)

Presenter: WOTSCHACK, Joerg (CERN)

Session Classification: WG1 - Technology

Contribution ID: 16

Type: **not specified**

Measurement and simulation of cooling in Micromegas LCTPC

Thursday 30 October 2014 10:50 (20 minutes)

Presenter: BHATTACHARYA, Deb Sankar (SINP/CEA)

Session Classification: WG1 - Technology

Contribution ID: 17

Type: **not specified**

Three-dimensional simulation of gaseous detectors

Wednesday 29 October 2014 15:20 (25 minutes)

Presenter: GARG, Prakhar (Varanasi)

Session Classification: WG4 - Software

Contribution ID: **18**

Type: **not specified**

Carbon Coated Gas Electron Multipliers for Time Projection Chamber Prototype

Wednesday 29 October 2014 14:30 (25 minutes)

Presenter: SHAHID, Saiqa (Siegen)

Session Classification: WG4 - Software

Contribution ID: 19

Type: **not specified**

Charging up effects in the triple GEM detector

Wednesday 29 October 2014 14:55 (25 minutes)

Presenters: MINDUR, Bartosz (AGH University of Science and Technology (PL)); Dr MINDUR, Bartosz (AGH University of Science and Technology)

Session Classification: WG4 - Software

Contribution ID: 20

Type: **not specified**

Ion Mobility in Relevant Gas Mixtures - A Review

Wednesday 29 October 2014 15:45 (25 minutes)

Presenter: ENCARNAÇÃO, Pedro (Universidade de Coimbra)

Session Classification: WG4 - Software

Contribution ID: 21

Type: **not specified**

Signal shapes in the Alice TPC

Wednesday 29 October 2014 16:10 (25 minutes)

Presenter: ARSLANDOK, Mesut (Johann-Wolfgang-Goethe Univ. (DE))

Session Classification: WG4 - Software

Contribution ID: 22

Type: **not specified**

Gain Ar-CO2 mixtures

Wednesday 29 October 2014 17:25 (25 minutes)

Presenters: SAHIN, Ozkan (Uludag University (TR)); SAHIN, Ozkan (Uludag University); SAHIN, ozkan (Uludag University)

Session Classification: WG4 - Software

Contribution ID: 23

Type: **not specified**

neBEM updates and applications

Wednesday 29 October 2014 17:00 (25 minutes)

Presenters: MUKHOPADHYAY, Supratik (Saha Institute of Nuclear Physics (IN)); MUKHOPADHYAY, Supratik (Saha Institute of Nuclear Physics); MUKHOPADHYAY, Supratik (Saha Institute of Nuclear Physics (IN))

Session Classification: WG4 - Software

Contribution ID: 24

Type: **not specified**

Basics of ion transport simulation

Wednesday 29 October 2014 17:50 (20 minutes)

Presenter: KALKAN, Yalcin (Uludag University (TR))

Session Classification: WG4 - Software

Contribution ID: 25

Type: **not specified**

Ion clustering

Wednesday 29 October 2014 18:10 (20 minutes)

Presenter: ÖZDEMİR, Tuğba (Bursa)

Session Classification: WG4 - Software

Contribution ID: 26

Type: **not specified**

Ion backflow in Bulk Micromegas detectors

Friday 31 October 2014 10:30 (20 minutes)

Presenters: BHATTACHARYA, Purba (CERN); BHATTACHARYA, Purba (Saha Institute of Nuclear Physics (IN))

Session Classification: WG2 - Physics issues

Contribution ID: 27

Type: **not specified**

Recent results of LAr LEM TPC R&D

Friday 31 October 2014 12:10 (20 minutes)

Presenter: WU, Shuoxing (Eidgenoessische Tech. Hochschule Zuerich (CH))

Session Classification: WG2 - Physics issues

Contribution ID: 28

Type: **not specified**

Experimental determination of GEM avalanche multiplicity distribution

Friday 31 October 2014 12:30 (20 minutes)

Presenter: LASZLO, Andras (Hungarian Academy of Sciences (HU))

Session Classification: WG2 - Physics issues

Contribution ID: 29

Type: **not specified**

Micromegas as low background x-ray detectors for axion searches: CAST and IAXO

Thursday 30 October 2014 11:10 (20 minutes)

Presenter: GRACIA GARZA, Javier (Universidad de Zaragoza (ES))

Session Classification: WG1 - Technology

Contribution ID: **30**

Type: **not specified**

RD51 Collaboration News

Wednesday 29 October 2014 09:30 (40 minutes)

Presenters: ROPELEWSKI, Leszek (CERN); TITOV, Maksym (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR)); Dr TITOV, Maxim (CEA Saclay)

Session Classification: RD51 Plenary Session

Contribution ID: 31

Type: **not specified**

Introduction of a Monitoring & Control System for common lab applications

Thursday 30 October 2014 09:50 (20 minutes)

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

Session Classification: WG5 - Electronics

Contribution ID: 32

Type: **not specified**

Status of the ALICE TPC upgrade and beam-time prospects

Friday 31 October 2014 14:55 (20 minutes)

Presenter: DEISTING, Alexander (Ruprecht-Karls-Universitaet Heidelberg (DE))

Session Classification: WG7 - Test beam

Contribution ID: **33**

Type: **not specified**

Introduction

Friday 31 October 2014 14:30 (5 minutes)

Presenters: OLIVERI, Eraldo (Sezione di Pisa (IT)); TSIPOLITIS, Yorgos (National Technical Univ. of Athens (GR))

Session Classification: WG7 - Test beam

Contribution ID: 34

Type: **not specified**

ATLAS: New Small Wheel ATLAS Micromegas plans in the magnetic field at SPS/H4

Friday 31 October 2014 14:35 (20 minutes)

Presenters: IENGO, Paolo (CERN); ALEXOPOULOS, Theodoros (National Technical Univ. of Athens (GR))

Session Classification: WG7 - Test beam

Contribution ID: 35

Type: **not specified**

CMS: Plans for 2014 SPS/H4 Test Beam

Friday 31 October 2014 15:15 (20 minutes)

Presenter: MERLIN, Jeremie Alexandre (Institut Pluridisciplinaire Hubert Curien (IPHC-FR))

Session Classification: WG7 - Test beam

Contribution ID: 36

Type: **not specified**

DEMOKRITOS/LAPP/ATHENS/IRFU: Resistive Micromegas for Calorimetry

Friday 31 October 2014 15:35 (20 minutes)

Presenter: CHEFDEVILLE, Maximilien (Centre National de la Recherche Scientifique (FR))

Session Classification: WG7 - Test beam

Contribution ID: 37

Type: **not specified**

LNF:TripleGEMs for BESSIII and SHIP

Friday 31 October 2014 15:55 (20 minutes)

Presenter: FELICI, Giulietto (Istituto Nazionale Fisica Nucleare (IT))

Session Classification: WG7 - Test beam

Contribution ID: **38**

Type: **not specified**

WIS/AVEIRO/COIMBRA:Test beam evaluation of large single-stage THGEM detectors

Friday 31 October 2014 16:15 (20 minutes)

Presenter: BRESSLER, Shikma (Weizmann Institute of Science (IL))

Session Classification: WG7 - Test beam

Contribution ID: 39

Type: **not specified**

Self-triggered readout of GEM in CBM

Thursday 30 October 2014 09:30 (20 minutes)

Presenter: SAINI, Jogender (Department of Atomic Energy (IN))

Session Classification: WG5 - Electronics