

RD51 Mini-Week

Report of Contributions

Contribution ID: **10**

Type: **not specified**

A simple model for the gain drop in micro-Resistive WELL

Presenter: MORELLO, Gianfranco (LNF)

Contribution ID: 11

Type: **not specified**

Graphite coating at Tsinghua University

Presenter: WANG, Yi (Tsinghua University)

Contribution ID: 12

Type: **not specified**

Surface uniformity in graphite-painted sTGCs and its impact

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 13

Type: **not specified**

Robust ceramic composites with tunable electric properties

Presenter: PECHARROMAN, Carlos (ICNM)

Contribution ID: 14

Type: **not specified**

Low resistivity Chinese Glass

Presenter: WANG, Yi (Tsinghua University)

Contribution ID: 15

Type: **not specified**

Resistive Well

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

Contribution ID: **16**

Type: **not specified**

Electric fields and signals in detectors with resistive materials

Presenter: RIEGLER, Werner (CERN)

Contribution ID: 17

Type: **not specified**

Characterization of resistive foils as a function of humidity, temperature and integrated charge

Presenter: SIDIROPOULOU, Ourania (Bayerische Julius Max. Universitaet Wuerzburg (DE))

Contribution ID: **18**

Type: **not specified**

Characterization of protection layers in pixelised MPGDs

Presenter: HARTJES, Frederik (Nikhef National institute for subatomic physics (NL))

Contribution ID: **19**

Type: **not specified**

Resistive paste, spiders, buried resistors and other photolithography tricks

Presenter: DE OLIVEIRA, Rui (CERN)

Contribution ID: 20

Type: **not specified**

Round table

Presenters: GONZALEZ DIAZ, Diego (Uludag University (TR)); CHEFDEVILLE, Maximilien (Centre National de la Recherche Scientifique (FR)); DE OLIVEIRA, Rui (CERN); DALLA TORRE, Silvia (Universita e INFN, Trieste (IT))

Contribution ID: 21

Type: **not specified**

Screen-printing at Saclay workshop

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

Contribution ID: 34

Type: **not specified**

GEMs made in India

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

Contribution ID: 35

Type: **not specified**

Status of the new building at CERN

Presenter: DE OLIVEIRA, Rui (CERN)

Contribution ID: **36**

Type: **not specified**

BES test beam in H4

Presenter: CIBINETTO, Gianluigi (INFN Ferrara)

Contribution ID: 37

Type: **not specified**

LNF & SHIP test beam in H4

Presenter: BENCIVENNI, Giovanni (Istituto Nazionale Fisica Nucleare Frascati (IT))

Contribution ID: **38**

Type: **not specified**

ATLAS umegas test beam in H4

Presenter: ALEXOPOULOS, Theodoros (National Technical Univ. of Athens (GR))

Contribution ID: 39

Type: **not specified**

CMS GEM test beam in H4

Presenters: DORNEY, Brian (CERN); VAL, Ilaria (Universita e INFN, Pavia (IT))

Contribution ID: 40

Type: **not specified**

DCS and enviromental parameter measurements with the arduino

Presenter: PAPAKRIVOPOULOS, Yannis (National Technical Univ. of Athens (GR))

Contribution ID: 41

Type: **not specified**

Current Active-Target and TPCs for Nuclear Physics

Wednesday 8 June 2016 09:00 (30 minutes)

Presenter: POLLACCO, Emanuel (IRFU CEA Saclay)

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 42

Type: **not specified**

The T2K TPC, 10 year later and beyond

Wednesday 8 June 2016 09:30 (30 minutes)

Summary

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

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 43

Type: **not specified**

Status of the R&D on micro-RWELL

Wednesday 8 June 2016 10:50 (20 minutes)

Summary

Presenter: BENCIVENNI, Giovanni (Istituto Nazionale Fisica Nucleare Frascati (IT))

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 44

Type: **not specified**

Performance of a triple GEM prototype in magnetic field for the BESIII experiment

Tuesday 7 June 2016 09:00 (30 minutes)

Presenter: MEZZADRI, Giulio (Universita di Ferrara & INFN (IT))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 45

Type: **not specified**

Further laboratory investigation of the RPWELL

Tuesday 7 June 2016 09:30 (20 minutes)

Presenter: SHAKED, Dan (Weizmann Institute of Science (IL))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 46

Type: **not specified**

Status of the 3x1x1 m3 Dual Phase LAr TPC assembly

Wednesday 8 June 2016 10:00 (20 minutes)

Presenter: MURPHY, Sebastien (Eidgenoessische Tech. Hochschule Zuerich (CH))

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 47

Type: **not specified**

First tests of resistive Kapton LEM in Dual Phase LAr TPC

Tuesday 7 June 2016 11:30 (20 minutes)

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

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 48

Type: **not specified**

Position-Sensitive Gaseous Photomultipliers

Wednesday 8 June 2016 11:10 (20 minutes)

Presenter: PESKOV, Vladimir (Johann-Wolfgang-Goethe Univ. (DE))

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 49

Type: **not specified**

Kinetic and fluid description of charged particle swarms and its application in modeling of gaseous detectors

Thursday 9 June 2016 09:00 (30 minutes)

Presenter: DUJKO, Sasa (Gaseous Electronics Laboratory, Institute of Physics, University of Belgrade)

Session Classification: WG4 - Modelling of Physics Processes and Software Tools

Contribution ID: 50

Type: **not specified**

Microscopic and fluid modeling of resistive plate chambers

Thursday 9 June 2016 09:30 (30 minutes)

Presenter: BOSNJAKOVIC, Danko (Institute of physics, Belgrade)

Session Classification: WG4 - Modelling of Physics Processes and Software Tools

Contribution ID: 51

Type: **not specified**

Discharge studies with single GEMs

Tuesday 7 June 2016 09:50 (30 minutes)

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

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 52

Type: **not specified**

Nitrogen ion mobility: the new GEMs - cancelled

Thursday 9 June 2016 12:30 (30 minutes)

Summary

Presenter: CORTEZ, André (LIP-Coimbra)

Session Classification: WG4 - Modelling of Physics Processes and Software Tools

Contribution ID: 53

Type: **not specified**

Effect of the hole shape on GEM gain

Thursday 9 June 2016 11:00 (30 minutes)

Presenter: KARADZHINOVA, Aneliya (University of Helsinki (FI))

Session Classification: WG4 - Modelling of Physics Processes and Software Tools

Contribution ID: 54

Type: **not specified**

Status of developments for ACTAR TPC

Tuesday 7 June 2016 10:50 (20 minutes)

Presenter: GIOVINAZZO, Jerome (Centre National de la Recherche Scientifique (FR))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 55

Type: **not specified**

Bursa gas laboratory

Thursday 9 June 2016 11:30 (15 minutes)

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

Session Classification: WG4 - Modelling of Physics Processes and Software Tools

Contribution ID: 56

Type: **not specified**

Ions - cancelled

Thursday 9 June 2016 13:00 (30 minutes)

Summary

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

Session Classification: WG4 - Modelling of Physics Processes and Software Tools

Contribution ID: 57

Type: **not specified**

SRS electronics update

Monday 6 June 2016 15:00 (30 minutes)

Presenter: MULLER, Hans

Session Classification: WG5 - Electronics for MPGDs

Contribution ID: 58

Type: **not specified**

CERN GE1/1 production status, Korea and India GEM situation

Tuesday 7 June 2016 14:00 (20 minutes)

Presenter: SHARMA, Archana (CERN)

Session Classification: WG6 - Production and Industrialization

Contribution ID: 59

Type: **not specified**

Recent progress on characterization system of GEM-foils through high resolution images

Tuesday 7 June 2016 14:20 (20 minutes)

Presenter: GUTIERREZ, Rafael M (Universidad Antonio Nariño)

Session Classification: WG6 - Production and Industrialization

Contribution ID: **60**

Type: **not specified**

Large GEM production at Techtra

Tuesday 7 June 2016 14:40 (20 minutes)

Presenter: BIELOWKA, Piotr (TTA Techtra)

Session Classification: WG6 - Production and Industrialization

Contribution ID: **61**

Type: **not specified**

Track Distortion in the Micromegas-based LPTPC

Thursday 9 June 2016 10:00 (30 minutes)

Presenter: BHATTACHARYA, Deb Sankar (CEA/IRFU,Centre d'étude de Saclay Gif-sur-Yvette (FR))

Session Classification: WG4 - Modelling of Physics Processes and Software Tools

Contribution ID: 62

Type: **not specified**

ScanPyramid, the project and the recent deployment of Micromegas muography chamber

Tuesday 7 June 2016 11:10 (20 minutes)

Presenters: PROCUREUR, Sebastien (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR)); BOUTEILLE, Simon (CEA/IRFU,Centre d'etude de Saclay Gif-sur-Yvette (FR))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 63

Type: **not specified**

Construction and assembly of the novel MPGD-based photon detectors for COMPASS RICH-1

Wednesday 8 June 2016 11:30 (20 minutes)

Presenters: TESSAROTTO, Fulvio (Universita e INFN, Trieste (IT)); TESSAROTTO, Fulvio (INFN Trieste)

Session Classification: WG1 - New Structures and Technologies

Contribution ID: **64**

Type: **not specified**

Test Beam News

Wednesday 8 June 2016 14:00 (10 minutes)

Presenters: OLIVERI, Eraldo (CERN); TSIPOLITIS, Yorgos (National Technical Univ. of Athens (GR))

Session Classification: WG7 - Common Test Facilities

Contribution ID: 65

Type: **not specified**

Optical readout

Wednesday 8 June 2016 14:25 (15 minutes)

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

Session Classification: WG7 - Common Test Facilities

Contribution ID: **66**

Type: **not specified**

CMS GEM H4 test beam

Wednesday 8 June 2016 14:10 (15 minutes)

Presenter: VAI, Ilaria (Universita e INFN, Pavia (IT))

Session Classification: WG7 - Common Test Facilities

Contribution ID: 67

Type: **not specified**

Picosec H4 test beam

Wednesday 8 June 2016 14:40 (15 minutes)

Summary

Presenters: LUPBERGER, Michael (CERN); PAPADEVANGELOU, Thomas (CEA/IRFU, Centre d'étude de Saclay Gif-sur-Yvette (FR))

Session Classification: WG7 - Common Test Facilities

Contribution ID: **68**

Type: **not specified**

BES III H4 test beam

Wednesday 8 June 2016 14:55 (15 minutes)

Presenter: FARINELLI, Riccardo (Universita di Ferrara & INFN (IT))

Session Classification: WG7 - Common Test Facilities

Contribution ID: **69**

Type: **not specified**

COMSOL interface Garfield++

Thursday 9 June 2016 11:45 (20 minutes)

Presenter: BODNIA, Evgeniia

Session Classification: WG4 - Modelling of Physics Processes and Software Tools