

13th RD51 Collaboration Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Avalanches in Ar/Ne/He - isobutane

Presenter: Dr ZERGUERRAS, Thomas (Universite de Paris-Sud 11 (FR))

Contribution ID: 1

Type: **not specified**

Avalanche simulations in Ar/Ne/He-iC₄H₁₀

Wednesday 5 February 2014 15:20 (20 minutes)

Presenters: KUGER, Fabian (Bayerische Julius Max. Universitaet Wuerzburg (DE)); Dr ZERGUER-RAS, Thomas (Universite de Paris-Sud 11 (FR))

Session Classification: WG4 - Software & simulation

Contribution ID: 2

Type: **not specified**

LAr LEM-TPC prototypes: latest developments and LEM charging up measurements

Friday 7 February 2014 16:30 (20 minutes)

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

Session Classification: WG2 - Characterization & common projects

Contribution ID: 3

Type: **not specified**

Thick GEM charging up simulations

Friday 7 February 2014 16:50 (20 minutes)

Presenters: CORREIA, Pedro (University of Aveiro); MENDES CORREIA, Pedro Manuel (University of Aveiro (PT))

Session Classification: WG2 - Characterization & common projects

Contribution ID: 4

Type: **not specified**

Ion mobility measurements

Wednesday 5 February 2014 16:30 (30 minutes)

Presenter: CORTEZ, André (LIP Coimbra, Portugal)

Session Classification: WG4 - Software & simulation

Contribution ID: 5

Type: **not specified**

Rate constants

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

Contribution ID: 6

Type: **not specified**

Transfer rate updates

Wednesday 5 February 2014 15:40 (20 minutes)

Presenters: SAHIN, Ozkan (Uludag University); KOWALSKI, Tadeusz (AGH University of Science and Technology (PL))

Session Classification: WG4 - Software & simulation

Contribution ID: 7

Type: **not specified**

Degrad

Presenter: BIAGI, Stephen (CERN)

Contribution ID: 8

Type: **not specified**

Intrinsic position resolution of gaseous detectors for X-ray photons: simulation results from Degrad

Wednesday 5 February 2014 17:30 (20 minutes)

Presenters: AZEVEDO, Carlos (University of Aveiro); BIAGI, Stephen (CERN)

Session Classification: WG4 - Software & simulation

Contribution ID: 9

Type: **not specified**

Triple GEM simulations with neBEM

Wednesday 5 February 2014 15:00 (20 minutes)

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

Session Classification: WG4 - Software & simulation

Contribution ID: **10**

Type: **not specified**

Recombination simulation

Wednesday 5 February 2014 17:50 (30 minutes)

Presenter: LONG, Megan

Session Classification: WG4 - Software & simulation

Contribution ID: 11

Type: **not specified**

Hybrid MPGD based photon detector, R&D update

Thursday 6 February 2014 09:00 (20 minutes)

Presenter: LEVORATO, Stefano (Universita e INFN (IT))

Session Classification: WG1 - Technology & new structures

Contribution ID: 12

Type: **not specified**

Experimental transport coefficients for electron swarms in Xe-TMA > mixtures and ongoing activities towards modeling

Wednesday 5 February 2014 17:00 (30 minutes)

Presenter: GONZALEZ DIAZ, Diego (Universidad de Zaragoza (ES))

Session Classification: WG4 - Software & simulation

Contribution ID: 13

Type: **not specified**

Recent results on Piggyback Micromegas

Friday 7 February 2014 14:20 (20 minutes)

Presenter: BOILEVIN-KAYL, Ludovic (CEA)

Session Classification: WG2 - Characterization & common projects

Contribution ID: 14

Type: **not specified**

Tracking in 1 uL of gas

Friday 7 February 2014 14:40 (20 minutes)

Presenter: HARTJES, Frederik (NIKHEF (NL))

Session Classification: WG2 - Characterization & common projects

Contribution ID: 15

Type: **not specified**

Characterisation of a micromegas + 2 GEM assembly for HARPO

Friday 7 February 2014 15:00 (30 minutes)

Presenter: GROS, Philippe (Ecole Polytechnique (FR))

Session Classification: WG2 - Characterization & common projects

Contribution ID: 16

Type: **not specified**

QC on small NSW prototypes current production

Thursday 6 February 2014 14:00 (20 minutes)

Presenter: KUGER, Fabian (Bayerische Julius Max. Universitaet Wuerzburg (DE))

Session Classification: WG6 Production

Contribution ID: 17

Type: **not specified**

GEM industrialization in India

Thursday 6 February 2014 14:20 (20 minutes)

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

Session Classification: WG6 Production

Contribution ID: **18**

Type: **not specified**

Carbon sputtering technology for ATLAS MicroMEGAS resistive

Thursday 6 February 2014 14:40 (20 minutes)

Presenter: Dr OCHI, Atsuhiko (Kobe University (JP))

Session Classification: WG6 Production

Contribution ID: 19

Type: **not specified**

Update on Elvia Micromegas production

Thursday 6 February 2014 15:00 (20 minutes)

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

Session Classification: WG6 Production

Contribution ID: **20**

Type: **not specified**

AIDA brainstorming

Presenter: DE OLIVEIRA, Rui (CERN)

Contribution ID: 21

Type: **not specified**

First operation of a Timepix3 with Micromegas

Thursday 6 February 2014 09:20 (20 minutes)

Presenter: HARTJES, Frederik (NIKHEF (NL))

Session Classification: WG1 - Technology & new structures

Contribution ID: 22

Type: **not specified**

Simulations and first tests of double layer, resistive MSGC

Thursday 6 February 2014 09:40 (20 minutes)

Presenter: FRANCHINO, Silvia (CERN)

Session Classification: WG1 - Technology & new structures

Contribution ID: 23

Type: **not specified**

Micromegas Calorimetry with resistive pads

Thursday 6 February 2014 10:00 (15 minutes)

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

Session Classification: WG1 - Technology & new structures

Contribution ID: 24

Type: **not specified**

Cooling of a TPC using 2-phase CO2

Thursday 6 February 2014 10:15 (15 minutes)

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

Session Classification: WG1 - Technology & new structures

Contribution ID: 25

Type: **not specified**

Technical and political status of ATLAS's NSW

Thursday 6 February 2014 10:50 (20 minutes)

Presenter: IODICE, Mauro (INFN - Sezione di Roma Tre)

Session Classification: WG1 - Technology & new structures

Contribution ID: 26

Type: **not specified**

Technical and political status of CMS muon chambers upgrade

Thursday 6 February 2014 11:10 (20 minutes)

Presenters: SHARMA, Archana (CERN); TYTGAT, Michael (Ghent University (BE))

Session Classification: WG1 - Technology & new structures

Contribution ID: 27

Type: **not specified**

Status report on segmented mesh microbulk

Thursday 6 February 2014 11:50 (20 minutes)

Presenter: Dr FERRER RIBAS, Esther (DAPNIA, Saclay)

Session Classification: WG1 - Technology & new structures

Contribution ID: 28

Type: **not specified**

Experiments on Triple-GEM at SINP

Friday 7 February 2014 14:00 (20 minutes)

Presenter: Prof. MAJUMDAR, Nayana (Saha Institute of Nuclear Physics (IN))

Session Classification: WG2 - Characterization & common projects

Contribution ID: 29

Type: **not specified**

Towards Large Single-Stage THGEM detector

Friday 7 February 2014 16:10 (20 minutes)

Presenter: MOLERI, Luca

Session Classification: WG2 - Characterization & common projects

Contribution ID: **30**

Type: **not specified**

Update on CMS GEM test beam analysis and simulations

Friday 7 February 2014 15:50 (20 minutes)

Primary author: SALVA DIBLEN, Sinem (Ghent University (BE))

Presenter: SALVA DIBLEN, Sinem (Ghent University (BE))

Session Classification: WG2 - Characterization & common projects

Contribution ID: **31**

Type: **not specified**

RD51 Collaboration News

Wednesday 5 February 2014 13:00 (20 minutes)

Presenters: ROPELEWSKI, Leszek (CERN); Dr TITOV, Maxim (CEA Saclay)

Session Classification: RD51 Plenary Session and News

Contribution ID: **32**

Type: **not specified**

Report from the RD51 Collaboration Board Meeting

Wednesday 5 February 2014 13:20 (20 minutes)

Presenter: DALLA TORRE, Silvia (Universita e INFN (IT))

Session Classification: RD51 Plenary Session and News

Contribution ID: 33

Type: **not specified**

Common Project Evaluation and New Submission Procedures

Wednesday 5 February 2014 13:40 (10 minutes)

Presenter: WHITE, Andrew (University of Texas at Arlington)

Session Classification: RD51 Plenary Session and News

Contribution ID: 34

Type: **not specified**

RD51 Collaboration Meeting (Kolkata/India)

Wednesday 5 February 2014 13:50 (20 minutes)

Presenter: CHATTOPADHYAY, Subhasis (Department of Atomic Energy (IN))

Session Classification: RD51 Plenary Session and News

Contribution ID: 35

Type: **not specified**

Proposal to host 2015 MPGD Conference in Italy

Wednesday 5 February 2014 14:10 (10 minutes)

Presenter: DALLA TORRE, Silvia (Universita e INFN (IT))

Session Classification: RD51 Plenary Session and News

Contribution ID: **36**

Type: **not specified**

Proposal to host 2015 MPGD Conference in Greece

Wednesday 5 February 2014 14:20 (10 minutes)

Presenter: PETRIDOU, Chariclia (Aristotle Univ. of Thessaloniki (GR))

Session Classification: RD51 Plenary Session and News

Contribution ID: 37

Type: **not specified**

Proposal to host 2015 MPGD Conference in France

Wednesday 5 February 2014 14:30 (10 minutes)

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

Session Classification: RD51 Plenary Session and News

Contribution ID: 38

Type: **not specified**

Report from the RD51 Common Project "High resolution single photo electron scanning for TGEM-s and other MPGD applications"

Wednesday 5 February 2014 14:40 (20 minutes)

Presenters: VARGA, Dezso (Eotvos Lorand University (HU)); HAMAR, Gergo (MTA KFKI RMKI); HAMAR, Gergo (Hungarian Academy of Sciences (HU))

Session Classification: RD51 Plenary Session and News

Contribution ID: 39

Type: **not specified**

SRS readout of Timepix chips

Friday 7 February 2014 09:00 (20 minutes)

Presenters: LUPBERGER, Michael (University of Bonn); LUPBERGER, Michael (Universitaet Bonn (DE))

Session Classification: WG5 - Electronics

Contribution ID: 40

Type: **not specified**

status of SRS-ATCA (via Vidyo)

Friday 7 February 2014 09:20 (20 minutes)

Presenter: JEZYNSKI, Tomasz

Session Classification: WG5 - Electronics

Contribution ID: 41

Type: **not specified**

Data transfer performance of SRS

Friday 7 February 2014 09:40 (20 minutes)

Presenter: MORINO, Yuhei

Session Classification: WG5 - Electronics

Contribution ID: 42

Type: **not specified**

Status of the ALICE TPC upgrade with GEMs

Thursday 6 February 2014 11:30 (20 minutes)

Presenter: GARABATOS CUADRADO, Chilo (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Session Classification: WG1 - Technology & new structures

Contribution ID: 43

Type: **not specified**

Plans for SRS at ELI (Extreme Light Infrastructure)

Friday 7 February 2014 10:00 (20 minutes)

Presenter: MARTOIU, Sorin (IFIN-HH Bucharest (RO))

Session Classification: WG5 - Electronics

Contribution ID: 44

Type: **not specified**

GEM Readout System at UVa

Friday 7 February 2014 10:50 (10 minutes)

Presenters: GNANVO, Kondo (Florida Institute of Technology, Melbourne, FL, USA); GNANVO, Kondo (University of Virginia (US))

Session Classification: WG5 - Electronics

Contribution ID: 45

Type: **not specified**

MPGD/RD51 Community Input to AIDA2

Thursday 6 February 2014 16:15 (20 minutes)

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

Session Classification: EU H2020 Discussion / MPGD Community Input

Contribution ID: 46

Type: **not specified**

MPGD Distributed Infrastructure in AIDA2

Thursday 6 February 2014 16:35 (20 minutes)

Presenter: DALLA TORRE, Silvia (Universita e INFN (IT))

Session Classification: EU H2020 Discussion / MPGD Community Input

Contribution ID: 47

Type: **not specified**

ITN Marie Curie Framework

Thursday 6 February 2014 16:55 (20 minutes)

Presenter: Dr FERRER RIBAS, Esther (DAPNIA, Saclay)

Session Classification: EU H2020 Discussion / MPGD Community Input

Contribution ID: 48

Type: **not specified**

FET Framework in H2020

Thursday 6 February 2014 17:15 (20 minutes)

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

Session Classification: EU H2020 Discussion / MPGD Community Input

Contribution ID: 49

Type: **not specified**

Tutorial on amoreSRS package

Friday 7 February 2014 11:00 (20 minutes)

Presenters: GNANVO, Kondo (Florida Institute of Technology, Melbourne, FL, USA); GNANVO, Kondo (University of Virginia (US))

Session Classification: WG5 - Electronics

Contribution ID: **50**

Type: **not specified**

FEC V6 status

Friday 7 February 2014 11:20 (10 minutes)

Presenter: MULLER, Hans (CERN)

Session Classification: WG5 - Electronics