

RD51 Collaboration Meeting

Report of Contributions

Contribution ID: 47

Type: **not specified**

Triple-GEM Simulation Studies

Monday 21 October 2019 15:50 (20 minutes)

Presenter: KELLER, Henning (Rheinisch Westfaelische Tech. Hoch. (DE))

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

Contribution ID: 48

Type: **not specified**

A better understanding of the gas gain in GEM detector

Monday 21 October 2019 14:00 (30 minutes)

Presenter: JANSSENS, Djunes

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

Contribution ID: 49

Type: **not specified**

Fast Simulation of GEM detectors

Monday 21 October 2019 14:30 (20 minutes)

Presenters: CISBANI, Evaristo (Istituto Superiore di Sanita-INFN, Sezione di Roma I-Universita); BRIO, Vanessa (University of Catania)

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

Contribution ID: 50

Type: **not specified**

Simulation of Space-Charge effects in MPGDs using GPUs

Monday 21 October 2019 16:10 (20 minutes)

Presenter: SALVADOR, Samuel (CNRS-in2p3 LPC Caen)

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

Contribution ID: 51

Type: **not specified**

From Sensor Technologies to Detector Electronics

Monday 21 October 2019 17:10 (20 minutes)

Presenters: Mr ÖZTÜRK, Sadullah; KALKAN, Yalcin (Uludag University (TR))

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

Contribution ID: 52

Type: **not specified**

GEM simulations: a flexible and efficient microscopic simulation model based on Garfield++

Monday 21 October 2019 14:50 (20 minutes)

Presenter: FARINELLI, Riccardo (Universita e INFN, Ferrara (IT))

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

Contribution ID: 53

Type: **not specified**

Some features of GEM-TPC prototype operation in Ne+CF₄ mixtures

Tuesday 22 October 2019 14:20 (20 minutes)

Presenters: GARABATOS CUADRADO, Chilo (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE)); PESKOV, Vladimir (Russian Academy of Sciences (RU))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 54

Type: **not specified**

Spectroscopy measurements on GEM discharges

Tuesday 22 October 2019 15:00 (20 minutes)

Presenters: ULUKUTLU, Berkin (Technische Universität München); Mr ULUKUTLU, Berkin (Technische Universitaet Muenchen (DE)); GASIK, Piotr (Technische Universitaet Muenchen (DE))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 55

Type: **not specified**

News from Ceramic GEMs at Iwate

Tuesday 22 October 2019 09:20 (20 minutes)

Presenter: NEGISHI, Kentaro (Iwate University (JP))

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 56

Type: **not specified**

Studies on Diamond-Like Carbon Coated GEMs and Ceramic GEMS

Tuesday 22 October 2019 09:40 (20 minutes)

Presenter: ATAY, Serhat (U. Siegen)

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 57

Type: **not specified**

New design of RETGEM with good protection from sparks

Tuesday 22 October 2019 10:00 (20 minutes)

Presenter: RAZIN, Vladimir (Institute for Nuclear Research (INR)-Russian Academy of Sciences)

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 58

Type: **not specified**

Operation of Thick Kapton based Gas Electron Multipliers

Tuesday 22 October 2019 10:20 (20 minutes)

Presenter: AMARO, Fernando (Coimbra)

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 59

Type: **not specified**

Restoring the efficiency in GEM sector separations

Tuesday 22 October 2019 17:05 (20 minutes)

Co-author: SAULI, Fabio (TERA Foundation (IT))

Presenter: SAULI, Fabio (TERA Foundation (IT))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: **60**

Type: **not specified**

Commissioning of a high-pressure TPC with hybrid optical and charge readout

Tuesday 22 October 2019 14:40 (20 minutes)

Presenter: DEISTING, Alexander (Royal Holloway University of London (GB))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: **61**

Type: **not specified**

Commissioning of ProtoDUNE Double Phase

Tuesday 22 October 2019 11:30 (20 minutes)

Presenters: MAZZUCATO, Edoardo (CEA Saclay); MAZZUCATO, Edoardo (Université Paris-Saclay (FR))

Session Classification: WG1 - New Structures and Technologies

Contribution ID: **62**

Type: **not specified**

Commissioning of GEM trackers for SBS at JLAB

Tuesday 22 October 2019 11:50 (20 minutes)

Presenter: GNANVO, Kondo (Florida Institute of Technology, Melbourne, FL, USA)

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 63

Type: **not specified**

Laser ablation as a novel manufacturing technique of high-precision 1D- and 2D-readout boards for Micro-Pattern Gaseous Detectors

Tuesday 22 October 2019 12:10 (20 minutes)

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

Session Classification: WG1 - New Structures and Technologies

Contribution ID: **64**

Type: **not specified**

Resistance calculation of NSW Micromegas PCB with Cadence

Monday 21 October 2019 16:30 (20 minutes)

Presenter: SCHUNE, Philippe (Université Paris-Saclay (FR))

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

Contribution ID: 65

Type: **not specified**

A Gas Gain Study with Multiple GEM Stages

Tuesday 22 October 2019 16:45 (20 minutes)

Presenter: THORPE, Thomas

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 66

Type: **not specified**

Updates on the Small Pad Resistive Micromegas Detectors

Tuesday 22 October 2019 14:00 (20 minutes)

Presenter: CAMERLINGO, Maria Teresa (Universita e INFN Roma Tre (IT))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 67

Type: **not specified**

Recent work on liquid argon LHM

Tuesday 22 October 2019 15:20 (20 minutes)

Presenters: TESI, Andrea (Weizmann Institute of Science); BRESSLER, Shikma (Weizmann Institute of Science (IL))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: **68**

Type: **not specified**

Preliminary results of the RWELL-type FTM detector

Tuesday 22 October 2019 11:10 (20 minutes)

Presenter: LYU, You (University of Science and Technology of China (CN))

Session Classification: WG1 - New Structures and Technologies

Contribution ID: **69**

Type: **not specified**

PyBoltz

Monday 21 October 2019 16:50 (20 minutes)

Presenters: Mr AL ATOUM, Bashar; JONES, Ben (UT Arlington); JONES, Ben (CERN)

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

Contribution ID: 70

Type: **not specified**

Perspectives on GEM degradation research with high resolution material analysis techniques

Tuesday 22 October 2019 16:05 (20 minutes)

Presenter: FIORINI DA SILVA, Tiago (Universidade de Sao Paulo (BR))

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 71

Type: **not specified**

Direct measurements of the properties of Thick-GEM reflective photocathodes

Tuesday 22 October 2019 16:25 (20 minutes)

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

Session Classification: WG2 - Detector Physics and Performance

Contribution ID: 72

Type: **not specified**

Achinos, a new amplification structure for the spherical detector

Tuesday 22 October 2019 12:30 (20 minutes)

Presenter: Dr GIOMATARIS, Ioanis (Université Paris-Saclay (FR))

Session Classification: WG1 - New Structures and Technologies

Contribution ID: 73

Type: **not specified**

Study on different gas pipes done with a hermite gas system

Wednesday 23 October 2019 14:00 (20 minutes)

Presenter: SWIRSKI, Thorben (Julius Max. Universitaet Wuerzburg (DE))

Session Classification: WG6 - Production and Industrialization

Contribution ID: 74

Type: **not specified**

R&D progress of the resistive DLC

Wednesday 23 October 2019 14:20 (20 minutes)

Presenter: ZHOU, Yi (University of Science and Technology of China (CN))

Session Classification: WG6 - Production and Industrialization

Contribution ID: 75

Type: **not specified**

Production details on uRwell , R-GEM and R-MMegas

Wednesday 23 October 2019 14:40 (20 minutes)

Presenter: DE OLIVEIRA, Rui (CERN)

Session Classification: WG6 - Production and Industrialization

Contribution ID: 76

Type: **not specified**

Preliminary measurements on 10x10 Cu-Apical-DLC GEM

Wednesday 23 October 2019 15:00 (20 minutes)

Presenter: LISOWSKA, Marta (Wroclaw University of Science and Technology (PL))

Session Classification: WG6 - Production and Industrialization

Contribution ID: 77

Type: **not specified**

Test beam @ PSI

Wednesday 23 October 2019 16:05 (10 minutes)

Presenter: POLI LENER, Marco (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: WG7 - Common Test Facilities

Contribution ID: 78

Type: **not specified**

Test beam @ PSI

Wednesday 23 October 2019 15:55 (10 minutes)

Presenters: IENGO, Paolo (CERN); SEKHNIADZE, Givi (Universita e sezione INFN di Napoli (IT))

Session Classification: WG7 - Common Test Facilities

Contribution ID: 79

Type: **not specified**

Test beam @ Frascati

Wednesday 23 October 2019 15:45 (10 minutes)

Presenter: MORELLO, Gianfranco (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: WG7 - Common Test Facilities

Contribution ID: **80**

Type: **not specified**

General Info

Wednesday 23 October 2019 15:40 (5 minutes)

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

Session Classification: WG7 - Common Test Facilities

Contribution ID: **81**

Type: **not specified**

SRS-based Timepix3 readout

Wednesday 23 October 2019 09:20 (20 minutes)

Presenter: GRUBER, Markus (Universität Bonn)

Session Classification: WG5 - Electronics for MPGDs

Contribution ID: **82**

Type: **not specified**

New SRS hardware

Wednesday 23 October 2019 09:40 (20 minutes)

Presenter: MULLER, Hans (CERN)

Session Classification: WG5 - Electronics for MPGDs

Contribution ID: **83**

Type: **not specified**

VMM and the SRS - update and plans in Bonn

Wednesday 23 October 2019 10:00 (20 minutes)

Presenters: LUPBERGER, Michael (CERN); LUPBERGER, Michael (University of Bonn)

Session Classification: WG5 - Electronics for MPGDs

Contribution ID: **84**

Type: **not specified**

Exploring VMM3a and SRS Features using GEMs and X-Rays

Wednesday 23 October 2019 10:20 (20 minutes)

Presenter: SCHARENBERG, Lucian (CERN, University of Bonn (DE))

Session Classification: WG5 - Electronics for MPGDs

Contribution ID: **85**

Type: **not specified**

VMM news from ESS

Wednesday 23 October 2019 11:00 (20 minutes)

Presenter: PFEIFFER, Dorothea (CERN)

Session Classification: WG5 - Electronics for MPGDs

Contribution ID: **86**

Type: **not specified**

Discussion on common developments around VMM

Wednesday 23 October 2019 11:20 (40 minutes)

Session Classification: WG5 - Electronics for MPGDs

Contribution ID: 87

Type: **not specified**

Advertisement: Module of Opportunity for DUNE Workshop

Tuesday 22 October 2019 12:50 (5 minutes)

Session Classification: WG1 - New Structures and Technologies

Contribution ID: **88**

Type: **not specified**

Communication from the CB

Wednesday 23 October 2019 09:00 (20 minutes)

Session Classification: Communications from collaboration board