

RD51 Open Lectures and Mini Week



Report of Contributions

Contribution ID: 2

Type: **not specified**

Signals in Micro Pattern Gaseous Detectors, including resistive elements

Monday 11 December 2017 14:30 (1h 15m)

Presenter: RIEGLER, Werner (CERN)

Session Classification: Lectures I

Contribution ID: 3

Type: **not specified**

Signal processing for precision timing applications

Monday 11 December 2017 16:15 (1h 15m)

Presenter: RIEGLER, Werner (CERN)

Session Classification: Lectures I

Contribution ID: 4

Type: **not specified**

Electron transport, mean gain

Tuesday 12 December 2017 09:00 (1 hour)

Presenter: VEENHOF, Rob (Uludag University (TR))

Session Classification: Lectures II

Contribution ID: 5

Type: **not specified**

Ion transport

Tuesday 12 December 2017 11:15 (45 minutes)

Presenter: VEENHOF, Rob (Uludag University (TR))

Session Classification: Lectures II

Contribution ID: 6

Type: **not specified**

Computer modelling of gaseous detectors response - Part I

Tuesday 12 December 2017 14:00 (1h 30m)

Presenter: RESNATI, Filippo (CERN)

Session Classification: Lectures III

Contribution ID: 7

Type: **not specified**

Computer modelling of gaseous detectors response - Part II

Tuesday 12 December 2017 16:00 (1h 30m)

Presenter: RESNATI, Filippo (CERN)

Session Classification: Lectures III

Contribution ID: 8

Type: **not specified**

Paradigms of analysing MPGD data - Part I

Wednesday 13 December 2017 09:00 (1h 30m)

Presenter: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: Lectures IV

Contribution ID: 9

Type: **not specified**

Paradigms of analysing MPGD data - Part II

Wednesday 13 December 2017 11:00 (1h 30m)

Presenter: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: Lectures IV

Contribution ID: **10**

Type: **not specified**

Welcome

Monday 11 December 2017 14:00 (15 minutes)

Presenters: ROPELEWSKI, Leszek (CERN); DALLA TORRE, Silvia (Universita e INFN Trieste (IT))

Session Classification: RD51 Open Lectures

Contribution ID: 11

Type: **not specified**

Introduction to the RD51 Open Lectures

Monday 11 December 2017 14:15 (15 minutes)

Presenters: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR)); OLIVERI, Eraldo (CERN)

Session Classification: RD51 Open Lectures

Contribution ID: 12

Type: **not specified**

Summary

Presenter: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: RD51 Open Lectures

Contribution ID: 13

Type: **not specified**

Signal generation, modelling and processing Open Lectures Summary

Wednesday 13 December 2017 12:30 (15 minutes)

Presenter: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: RD51 Open Lectures Summary

Contribution ID: 14

Type: **not specified**

RD51 2017 Test Beam Summary

Friday 15 December 2017 15:45 (15 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: 15

Type: **not specified**

First results of micro-RWELL operated in micro-TPC mode

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

Session Classification: RD51 Mini Week

Contribution ID: 16

Type: **not specified**

A detailed study of the PICOSEC response to MIPs: number of photoelectrons and timing resolution

Friday 15 December 2017 09:00 (20 minutes)

Author: Dr MANTHOS, Ioannis (Aristotle University of Thessaloniki)

Presenter: Dr MANTHOS, Ioannis (Aristotle University of Thessaloniki)

Session Classification: RD51 Mini Week

Contribution ID: 17

Type: **not specified**

test

Session Classification: RD51 Mini Week

Contribution ID: **18**

Type: **not specified**

REST framework

Wednesday 13 December 2017 14:00 (30 minutes)

Presenter: GALAN LACARRA, Javier (CEA Saclay)

Session Classification: RD51 Mini Week

Contribution ID: **19**

Type: **not specified**

Ion mobility studies for the ILC Experiment

Wednesday 13 December 2017 14:30 (20 minutes)

Presenters: CORTEZ, Andre (Universidade de Coimbra (PT)); CORTEZ, André (LIP-Coimbra); SANTOS, Miguel (LIP Coimbra)

Session Classification: RD51 Mini Week

Contribution ID: 20

Type: **not specified**

A data driven simulation study of the timing effects observed with the PICOSEC MicroMegas Detector

Wednesday 13 December 2017 14:50 (30 minutes)

Presenters: PARASCHOU, Konstantinos (Aristotle University of Thessaloniki (GR)); TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: RD51 Mini Week

Contribution ID: 21

Type: **not specified**

H2O update of Magboltz and Degrad

Wednesday 13 December 2017 15:20 (20 minutes)

Presenter: BIAGI, Stephen

Session Classification: RD51 Mini Week

Contribution ID: 22

Type: **not specified**

Highlights of the MPGD Japanese workshop at Iwate

Thursday 14 December 2017 09:00 (20 minutes)

Presenter: NARITA, Shinya

Session Classification: RD51 Mini Week

Contribution ID: 23

Type: **not specified**

GEM tracking system of the BM@N experiment

Thursday 14 December 2017 09:20 (20 minutes)

Presenter: MAKSYMCHUK, Anna

Session Classification: RD51 Mini Week

Contribution ID: 24

Type: **not specified**

Combined Optical and Electronic Readout for Event Reconstruction in a GEM-based TPC

Thursday 14 December 2017 09:40 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: 25

Type: **not specified**

Status of the R&D on micro-RWELL technology

Thursday 14 December 2017 10:30 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: 26

Type: **not specified**

Malter effect with Cu oxides

Wednesday 13 December 2017 16:00 (20 minutes)

Presenter: Dr GAVRILOV, Genady (Petersburg Nuclear Physics Institut (RU))

Session Classification: RD51 Mini Week

Contribution ID: 27

Type: **not specified**

Developments and studies of sealed GEM-based flame detectors

Friday 15 December 2017 09:40 (20 minutes)

Presenter: PESKOV, Vladimir (Russian Academy of Sciences (RU))

Session Classification: RD51 Mini Week

Contribution ID: 28

Type: **not specified**

Micromegas R&D for muon imaging activities at Saclay

Thursday 14 December 2017 10:50 (20 minutes)

Presenter: FILOSA, Christopher

Session Classification: RD51 Mini Week

Contribution ID: 29

Type: **not specified**

Operation of Micromegas in the Egyptian desert and latest results from the muography of the Khufu's pyramid

Thursday 14 December 2017 11:10 (20 minutes)

Presenter: PROCUREUR, Sebastien (Université Paris-Saclay (FR))

Session Classification: RD51 Mini Week

Contribution ID: **30**

Type: **not specified**

R&D on Resistive DLC in China

Friday 15 December 2017 14:00 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: **31**

Type: **not specified**

Large size GEM productions

Friday 15 December 2017 14:40 (15 minutes)

Presenter: DE OLIVEIRA, Rui (CERN)

Session Classification: RD51 Mini Week

Contribution ID: **32**

Type: **not specified**

Signal Formation in THGEM-like detectors

Friday 15 December 2017 10:00 (20 minutes)

Presenter: Dr BHATTACHARYA, Purba (Weizmann Institute of Science)

Session Classification: RD51 Mini Week

Contribution ID: 33

Type: **not specified**

First results of micro-RWELL operated in micro-TPC mode

Friday 15 December 2017 11:10 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: **34**

Type: **not specified**

Chromium GEMs news

Friday 15 December 2017 15:30 (15 minutes)

Presenter: GNANVO, Kondo (University of Virginia (US))

Session Classification: RD51 Mini Week

Contribution ID: 35

Type: **not specified**

Aluminum GEMs

Friday 15 December 2017 15:15 (15 minutes)

Presenter: DE OLIVEIRA, Rui (CERN)

Session Classification: RD51 Mini Week

Contribution ID: **36**

Type: **not specified**

Simulation of the PICOSEC detector

Wednesday 13 December 2017 16:20 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: 37

Type: **not specified**

GEM-based thermal neutron detector preparing for a 10B-coated multi-ThickGEM cascade

Friday 15 December 2017 11:50 (20 minutes)

Presenter: NATAL DA LUZ, Hugo (Universidade de São Paulo (BR))

Session Classification: RD51 Mini Week

Contribution ID: **38**

Type: **not specified**

VMM and the SRS - update

Thursday 14 December 2017 14:00 (20 minutes)

Presenter: LUPBERGER, Michael (CERN)

Session Classification: RD51 Mini Week

Contribution ID: 39

Type: **not specified**

VMM3 testbeam with micromegas and VMM3a status

Thursday 14 December 2017 14:20 (30 minutes)

Presenters: IAKOVIDIS, George (Brookhaven National Laboratory (US)); POLYCHRONAKOS, Venetios (Brookhaven National Laboratory (US))

Session Classification: RD51 Mini Week

Contribution ID: 40

Type: **not specified**

Online software and controls for VMM SRS

Thursday 14 December 2017 14:50 (15 minutes)

Presenter: CHRISTENSEN, Morten (ESS - European Spallation Source (SE))

Session Classification: RD51 Mini Week

Contribution ID: 41

Type: **not specified**

VMM hybrid cooling

Thursday 14 December 2017 15:55 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: 42

Type: **not specified**

SRS systems from APV to VMM

Thursday 14 December 2017 15:20 (20 minutes)

Presenter: MULLER, Hans

Session Classification: RD51 Mini Week

Contribution ID: 43

Type: **not specified**

New CTF clock/trigger splitter for SRS

Thursday 14 December 2017 16:15 (10 minutes)

Presenter: SEKHNIADZE, Givi (Universita e sezione INFN di Napoli (IT))

Session Classification: RD51 Mini Week

Contribution ID: 44

Type: **not specified**

CMS APV tests and Zero Suppression firmware for SRS

Thursday 14 December 2017 16:25 (20 minutes)

Presenters: GRUCHAŁA, Marek; GRUCHALA, Marek Michal (Ghent University (BE))

Session Classification: RD51 Mini Week

Contribution ID: 45

Type: **not specified**

Status of the readout for the upgrade of the ALICE TPC

Thursday 14 December 2017 16:45 (20 minutes)

Presenter: LIPPMANN, Christian (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Session Classification: RD51 Mini Week

Contribution ID: 46

Type: **not specified**

First results of imaging properties and test beam for Resistive μ -PIC

Friday 15 December 2017 11:30 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: 47

Type: **not specified**

Small Pad Resistive micromegas

Friday 15 December 2017 10:50 (20 minutes)

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

Session Classification: RD51 Mini Week

Contribution ID: 48

Type: **not specified**

Progress report on the multipad Picosec

Friday 15 December 2017 09:20 (20 minutes)

Presenter: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: RD51 Mini Week

Contribution ID: 49

Type: **not specified**

Test beam results with VMM

Thursday 14 December 2017 15:05 (15 minutes)

Presenter: PFEIFFER, Dorothea (CERN)

Session Classification: RD51 Mini Week

Contribution ID: 50

Type: **not specified**

Avalanche fluctuations

Tuesday 12 December 2017 10:15 (45 minutes)

Session Classification: Lectures II

Contribution ID: 51

Type: **not specified**

Munich

Thursday 14 December 2017 11:30 (10 minutes)

Presenter: GASIK, Piotr (Technische Universitaet Muenchen (DE))

Session Classification: RD51 MB

Contribution ID: 52

Type: **not specified**

Budapest

Thursday 14 December 2017 11:40 (10 minutes)

Presenter: VARGA, Dezso (Hungarian Academy of Sciences (HU))

Session Classification: RD51 MB

Contribution ID: 53

Type: **not specified**

Croatia

Thursday 14 December 2017 11:50 (10 minutes)

Presenter: POLJAK, Nikola (University of Zagreb (HR))

Session Classification: RD51 MB

Contribution ID: 54

Type: **not specified**

Thessaloniki

Thursday 14 December 2017 12:00 (10 minutes)

Presenter: TZAMARIAS, Spyros (Aristotle University of Thessaloniki (GR))

Session Classification: RD51 MB

Contribution ID: 55

Type: **not specified**

EPICS based slow control for SRS/APV

Thursday 14 December 2017 17:05 (20 minutes)

Presenters: GULKER, Jakob (Johannes Gutenberg Universitaet Mainz (DE)); GUELKER, pepe

Session Classification: RD51 Mini Week

Contribution ID: 56

Type: **not specified**

Mecaronics GEM status

Friday 15 December 2017 14:20 (20 minutes)

Presenter: PARK, Inkyu (University of Seoul, Department of Physics (KR))

Session Classification: RD51 Mini Week