

MPGD 2015 & RD51 Collaboration meeting

Monday, October 12, 2015

Contributed talks - Oceania (3:10 PM - 4:00 PM)

-Conveners: Leszek Ropelewski

time	[id] title	presenter
3:10 PM	[10] A Prototype Combination TPC Cherenkov Detector with GEM Readout for Tracking and Particle Identification and its Potential Use at an Electron Ion Collider	WOODY, Craig
3:35 PM	[9] Study of the dE/dx resolution of a GEM Readout Chamber prototype for the upgrade of the ALICE TPC	Mr MATHIS, Andreas

Contributed talks - Oceania (4:25 PM - 6:05 PM)

-Conveners: Leszek Ropelewski

time	[id] title	presenter
4:25 PM	[51] Construction and Test of First Full-Size MicroMegas Modules for the ATLAS New Small Wheel Upgrade.	Dr BORTFELDT, Jonathan
4:50 PM	[66] Upgrade of the CMS muon system with triple-GEM detectors	Dr DORNEY, Brian
5:15 PM	[104] Status of COMPASS RICH-1 upgrade with MPGD-based Photon Detectors	TESSAROTTO, Fulvio
5:40 PM	[109] Development of resistive Micromegas for sampling Calorimetry	Dr GERALIS, Theodoros

Tuesday, October 13, 2015

Contributed talks - Oceania (8:45 AM - 10:50 AM)

-Conveners: Atsuhiko Ochi

time	[id] title	presenter
8:45 AM	[24] Caliste-MM, a new soft X-ray spectro-polarimeter based on gas detector with outer and contactless electronics	Mr SERRANO, Paul
9:10 AM	[28] A Cylindrical GEM Detector with Analog Readout for the BESIII Experiment	CIBINETTO, Gianluigi
9:35 AM	[56] Construction and Performance Studies of Large Resistive MicroMegas Quadruplets	FARINA, Edoardo Maria
10:00 AM	[81] Resistive Strip Micromegas Tracker for CLAS12 Experiment	Dr VANDENBROUCKE, Maxence
10:25 AM	[91] Large Area Coverage of a TPC Endcap with GridPix Detectors	KAMINSKI, Jochen

Contributed talks - Oceania (11:55 AM - 1:10 PM)

-Conveners: Atsuhiko Ochi

time	[id] title	presenter
11:55 AM	[92] The COMPASS experiment gets its new hybrid GEM-Micromegas pixelized detectors to track high particle flux	Dr NEYRET, Damien
12:20 PM	[96] Status of GEM trackers for Super Bigbite Spectrometer in Hall A for 12 GeV CEBAF Upgrade at JLab	Dr GNANVO, Kondo
12:45 PM	[98] Status of the R&D activities for the upgrade of the ALICE TPC	Mr DEISTING, Alexander

Contributed talks - Oceania (2:10 PM - 3:50 PM)

-Conveners: Amos Breskin

time	[id] title	presenter
2:10 PM	[2] OPERATION OF HYBRID MICROPATTERN GASEOUS DETECTOR IN LOW-PRESSURE HYDROGEN, DEUTERIUM AND HELIUM, FOR ACTIVE-TARGET TIME PROJECTION CHAMBER APPLICATIONS	Dr CORTESI, Marco
2:35 PM	[3] The BAND-GEM detector: An improved efficiency GEM-based solution for thermal neutrons detection at spallation sources	CROCI, Gabriele
3:00 PM	[73] X-ray generator: an application of micro pattern gas detector	Dr TAMAGAWA, Toru
3:25 PM	[117] GET – A generic approach towards an acquisition system for TPCs in Nuclear Physics.	Dr POLLACCO, Emanuel

Wednesday, October 14, 2015

Contributed talks - Oceania (8:45 AM - 10:50 AM)

-Conveners: Maxim Titov

time	[id] title	presenter
8:45 AM	[8] Recent progress with the RPWELL detector	Dr BRESSLER, Shikma
9:10 AM	[36] R&D on a novel fast timing micro pattern gaseous detector (FTM)	Dr DORNEY, Brian
9:35 AM	[80] Development of the micro pixel chamber based on MEMS technology	Mr TAKEMURA, Taito
10:00 AM	[83] Fast Timing for High-Rate Environments with Micromegas	Dr PAPAEVANGELOU, Thomas
10:25 AM	[107] Charge Transfer Properties Through Graphene for Applications in Gaseous Detectors	Mr RESNATI, Filippo
10:40 AM	[137] Innovative Micromegas manufacturing with Microfabrication techniques and use of Graphene	Dr GERALIS, Theodoros

Contributed talks - Oceania (11:55 AM - 1:10 PM)

-Conveners: Maxim Titov

time	[id] title	presenter
11:55 AM	[4] Development and application of scintillating Glass-GEM detector	Dr FUJIWARA, Takeshi
12:20 PM	[5] New substrate, high spacial resolution and big area THGEMs development and applications	Dr XIE, Yuguang
12:45 PM	[57] Development of a transparent Single-grid-type MSGC based on LCD technology	Prof. TAKAHASHI, Hiroyuki

Thursday, October 15, 2015

Contributed talks - Oceania (8:45 AM - 10:50 AM)

-Conveners: Maria Gabriella Catanesi

time	[id] title	presenter
8:45 AM	[22] Microbulk Micromegas as x-ray detectors for axion searches: CAST and developments for IAXO.	GRACIA GARZA, Javier
9:10 AM	[42] Microbulk Micromegas for the search of DBD of ^{136}Xe in the PandaX-III experiment	Dr GALÁN, Javier
9:35 AM	[18] Two-phase Cryogenic Avalanche Detector with electroluminescence gap and THGEM/GAPD-matrix multiplier	Dr SOKOLOV, Andrey
10:00 AM	[58] Recent R&D results on the double phase LAr LEM TPC	Mr WU, Shuoxing
10:25 AM	[108] Study of Negative-Ion TPC using μ -PIC for Directional Dark Matter search	Mr TOMONORI, Ikeda

Contributed talks - Oceania (12:05 PM - 12:30 PM)

-Conveners: Maria Gabriella Catanesi

time	[id] title	presenter
12:05 PM	[55] VMM - An ASIC for Micropattern Detectors	Dr IAKOVIDIS, Georgios

Contributed talks - Oceania (2:10 PM - 3:50 PM)

-Conveners: Craig Woody

time	[id] title	presenter
2:10 PM	[12] Diffusion of ions in gas medium	Mr KALKAN, YALÇIN
2:35 PM	[39] Numerical Investigation on Electron and Ion Transmission of GEM-based Detectors	Ms BHATTACHARYA, Purba
3:00 PM	[127] Bubble-assisted Liquid Hole-Multipliers: bubble stability and electroluminescence in varying electrode configurations	Mr ERDAL, Eran
3:25 PM	[106] Effects of High Charge Densities in Multi-GEM Detectors	THUINER, Patrik

Contributed talks - Oceania (4:15 PM - 5:30 PM)

-Conveners: Craig Woody

time	[id] title	presenter
4:15 PM	[60] Development of gating foils to inhibit ion feedback using FPC production techniques	ARAI, Daisuke
4:40 PM	[70] Aging and outgassing studies for GEM detectors in the LHC high-rate environment	Mr MERLIN, Jeremie
5:05 PM	[101] Development of μ -PIC with resistive electrodes using sputtered carbon	Mr YAMANE, Fumiya