



# PM2021 - 15th Pisa Meeting on Advanced Detectors - Edition 2022

## Friday, 27 May 2022

### Gas Detectors - Poster session (08:30 - 12:30)

-Conveners: Maksym Titov; Beatrice Mandelli

[id] title	presenter	board
[24] TPC Development by the LCTPC Collaboration for the ILD Detector at ILC	LUPBERGER, Michael	
[61] Development and operation of the CGEM Inner Tracker for the BESIII experiment	BORTONE, Alberto	
[82] A new graphene-based RPC fully built with additive manufacturing	CAMPAGNOLA, Roberto	
[94] Detection of collinear high energetic di-photon signatures with Micromegas Detectors	NEUHAUS, Friedemann	
[107] Performance of triple-GEM detectors for the Phase-2 CMS upgrade and a high-resolution GEM telescope measured in a test beam	PELLECCHIA, Antonello	
[110] Performance of improved RPCs demonstrator for the CMS Phase 2	ASILAR, Ece	
[111] Studies on position resolution & gain mapping of Gas Electron Multipliers (GEM) using Scalable Readout System (SRS).	Mr KUMAR, Vishal	
[141] The Phase 2 upgrade of CMS Drift Tubes (DT) detectors for high luminosity LHC	SHARMA, Archana	
[147] New electron transverse diffusion measuring device	Prof. SANTOS, filomena	
[151] Long term neutron irradiation studies of square meter sized resistive strip Micromegas detectors	VOGEL, Fabian	
[86] Effects of hydrocarbon admixtures to the electroluminescence yield of He-CF4	ROQUE, Rita	
[156] The $\mu$ -RWELL technology for the preshower and muon detectors of the IDEA detector	FARINELLI, Riccardo	
[162] Progress Towards a Large-Area, Ultra-Low-Gas-Consumption RPC Detector	SARAIVA, João	
[165] Improving count rate capability of timing RPCs by increasing the detector working temperature	BLANCO CASTRO, Alberto	
[195] Measurement of anomalies in the angular correlation of electron and positron internally produced in excited $^8\text{Be}$ and $^4\text{He}$	Dr CORTEZ, André VENTURA CORTEZ, André Filipe	
[200] A monitoring chamber for high precision measurements of the drift velocity in gas detectors	CUNA, Federica	
[236] Analysis and study of the problems on the wires used in the MEG CDCH and the construction of the new drift chamber	CHIARELLO, Gianluigi	
[47] Commissioning and operation in magnetic field of CMS GE1/1 station	CALZAFERRI, Simone	
[209] The Drift Chamber for CMD-3 detector	CUNA, Federica	
[211] Particle identification with the cluster counting technique for the IDEA drift chamber	D'ANZI, Brunella	
[238] A cosmic muon test facility with the MRPC telescopes of the EEE Project	GRAZZI, Stefano	

<b>[246] Studies on RPC detectors operated with environmentally friendly gas mixtures in LHC-like conditions</b>	RIGOLETTI, Gianluca	
<b>[265] Study of ageing of the Straw Tube detectors</b>	SEN, ARINDAM	
<b>[268] Characterisation of a new RPC prototype using conventional gas mixture</b>	SEN, ARINDAM	
<b>[271] Effect of relative humidity on the long-term operation of a single mask triple GEM chamber</b>	CHATTERJEE, Sayak	
<b>[283] Study of space charge phenomena in GEM based detectors</b>	Ms ROY, Promita	
<b>[288] Studies on new gas eco-mixtures for Extreme Energy Events project</b>	BOSSINI, Edoardo	
<b>[311] A new calibration tool for the MEGII spectrometer</b>	Mr BENMANSOUR, Hicham	
<b>[314] ATHENA MPGD Tracking Detectors for the Electron-Ion Collider</b>	POSIK, Matt	
<b>[322] 2D Interleaved Readouts for MPGDs</b>	KISELEV, Alexander	
<b>[355] Muon detector for a Muon Collider</b>	AIMÈ, Chiara	
<b>[357] Rate capability of small-diameter Muon Drift Tube precision tracking chambers with new fast readout electronics for HL-LHC and future hadron colliders</b>	VOEVODINA, Elena	
<b>[365] The surface Resistive Plate Counter: a novel RPC based on MPGD technologies</b>	Dr BENCIVENNI, Giovanni	
<b>[369] High Granularity Small-Pad Resistive Micromegas for Rates above MHz/cm<sup>2</sup></b>	SESSA, Marco	
<b>[371] Dual-Polarity Ion Drift Chamber: Experimental results with Xe-SF<sub>6</sub> mixtures</b>	Prof. I. G. M. BORGES, Filipa	
<b>[403] Development of a Micromegas prototype for the AMBER experiment at CERN</b>	ALEXEEV, Maxim	
<b>[441] Characterization of a low-pressure Micromegas-like gaseous detector with low energy x-ray sources</b>	Dr PILO, Federico	
<b>[22] Novel GEM foil layout for high-rate particle environment in the CMS ME0 muon detector</b>	CAGNOTTA, Antimo	
<b>[256] Visual investigation of possible degradation in GEM foils under test</b>	CHATTERJEE, Sayak CHATTERJEE, Sayak	
<b>[417] Construction and testing of the sMDT system for the HL-LHC ATLAS muon detector upgrade</b>	NELSON, Kevin	
<b>[276] Generative Surrogates for Fast Simulation: TPC Case</b>	RATNIKOV, Fedor	