



# XVI Workshop on Resistive Plate Chambers and Related Detectors

## Thursday, 29 September 2022

**Poster session: Poster session - 500/1-201 - Mezzanine (14:00 - 16:00)**

time	[id] title	presenter
14:00	Coffee break	
14:00	[77] Gas recirculation systems for RPC detectors: from LHC experiments to laboratory set-ups	MANDELLI, Beatrice
14:05	[75] Design and performance study of a sealed mosaic high-rate MRPC	Ms ZHANG, Qiunan
14:10	[72] Study of industrial epoxy resins with graphene nanotubes for the realization of low resistivity electrodes of RPC detectors	ROCCHI, Alessandro
14:20	[71] Measurements of fluoride production in Resistive Plate Chambers	RIGOLETTI, Gianluca
14:25	[67] An effective method for measuring the stiffness of a sealed vessel that can be applied to RPC gas volumes.	LIBERTI, Barbara PASTORI, Enrico
14:35	[64] Timing RPC for thermal neutron detection with 3D position sensitivity	Dr MARGATO, Luís
14:40	[56] Prototype of Industrialized RPC for J-PARC E50 experiment	HSIEH, Chia-Yu
14:50	[55] Oil-free bakelite Resistive Plate Chambers- A solution to several age old problems.	GANAI, Rajesh
14:55	[54] Development of new offline analysis for the monitoring of RPC detector at the ATLAS experiment parameters during LHC Run3	GIANNINI, Antonio
15:00	[53] The readout panels for the BI-RPC project for ATLAS phase 2 upgrade	SCHIOPPA, Marco SCHIOPPA, Marco
15:10	[41] Test of materials for the production of thin-gap RPCs	TURKOVIC, Timur TURKOVIC, Timur
15:15	[36] Characterization and Simulation of Glass Multigap RPCs	CARPINTEYRO BERNARDINO, Severiano
15:15	[33] Gas gain properties of the CMS iRPC chamber	ABDELHAMEID, Tahany Elhussieny
15:40	[32] Strip Printed Circuit Board - PCB validation and properties for CMS iRPC during Phase 2 Upgrade	GARDE, Gustave Pacome
15:40	[23] CMS iRPC Backend and Front-End Electronics joint test	SONG, Jianing
15:41	[29] New RPC Link System Remote Programming for the CMS Phase 2 Upgrade	BOGHRATI, Behzad
15:42	[28] New Slow Control Emulator for the CMS Phase 2 Upgrade of the RPC Link System	BOGHRATI, Behzad
15:43	[30] CMS Phase 2 Upgrade of the RPC Link System - Review of the Link Board and Control Board firmware and System validation	BOGHRATI, Behzad
15:44	[104] Development of a sealed MRPC with high time resolution	SUN, Kai
15:45	[31] RPC based tracking system at CERN GIF++ facility	MOTA AMARILO, Kevin
15:46	[26] Edge Effects in the CMS iRPC detectors	COLLABORATION, CMS
15:47	[18] An FPGA-based clusterization algorithm for the CMS iRPC detector	HOU, Qingfeng

15:48	[17] ML-based tool for CMS RPC currents quality monitoring	SHUMKA, Elton
15:49	[7] Angular Dependence of Cosmic Muon Flux - Experimental Measurement and Simulation	CHATTOPADHAY, Souvik
15:50	[100] MONTE CARLO STUDIES OF ECO-FRIENDLY GAS MIXTURES FOR RPC DETECTORS USING GEANT4+GARFIELD++	MALDONADO, Marco Antonio Diaz
15:51	[96] Development of Hybrid Resistive Plate Chambers	BILKI, Burak
15:52	[105] Signal Integrality Analysis of Sealed MRPC for Muography	LIU, daming
15:53	[103] A new scheme and first results for the implementation of a low-cost Gas recirculation system for the RPCs chamber.	LIBERTI, Barbara PASTORI, Enrico
15:54	[27] Aging studies for the CMS Improved Resistive Plate Chambers	BARROSO FERREIRA FILHO, Mapse