XVI Workshop on Resistive Plate Chambers and Related Detectors

Thursday, 29 September 2022

Detector electronics and simulation: Detector electronics and simulation - 500/1-001 - Main Auditorium (09:00 - 12:40)

-**Conveners: Barbara Liberti**

time	[id] title	presenter
09:00	[81] Design of the new RPCs and Front End electronics for the ATLAS High Luminosity LHC program	PIZZIMENTO, Luca PIZZIMENTO, Luca
09:20	[14] CMS iRPC FEB development and validation	GOUZEVITCH, Maxime
09:40	[6] Development of a sealed MRPC with mylar spacers for high luminosity TOF systems	WANG, Botan
10:00	[34] Simulation of the avalanche creation in resitive circular chambers	KORTNER, Oliver
10:20	[44] Parallelization of Garfield++ and neBEM to simulate space charge effects in RPCs	DEY, Tanay
10:40	Coffee break	
11:00	[43] The reflection readout method of RPC	DING, Yuexin
11:20	[24] 96-channel Time-to-Digital converter (TDC) for the CMS Phase 2 Upgrade of the RPC Link System	BOGHRATI, Behzad
11:40	[101] Check-Sort-Push protocol in CMS iRPC/RPC data compression/decompression and transmission and its application in Backend electronics system (BY ZOOM))	LIU, Zhen-An
12:00	[9] R&D on signal transmission on thin-gap RPC	LIU, Zirui
12:20	[115] practical info	