

XVI Workshop on Resistive Plate Chambers and Related Detectors

Wednesday, 28 September 2022

Eco-friendly mixtures for RPC detectors - 500/1-001 - Main Auditorium (09:00 - 13:00)

-Conveners: Paulo Fonte

time	[id] title	presenter
09:00	[58] Development of new gas recuperation systems for particle detectors using greenhouse gases	GUIDA, Roberto
09:25	[57] On a new environment-friendly gas mixture for Resistive Plate Chambers	PROTO, Giorgia
09:50	[69] Performance studies of RPC operated with alternatives to R-134a in the presence of LHC-like background radiation	RIGOLETTI, Gianluca
10:15	[11] The ecological transition of the Extreme Energy Events experiment	ABBRESCIA, Marcello
10:40	Coffee break	
11:00	[70] Possible alternatives to SF6 for Resistive Place Chambers	MANDELLI, Beatrice
11:25	[4] Eco-friendly Resistive Plate Chamber detectors for future HEP applications.	QUAGLIA, Luca
11:50	[66] RPC performance with an alternative eco-friendly gas mixture	Mr DAS, Subhendu
12:15	[52] Characterization of a RPC prototype with 1mm of gas gap thicknesses	RAMOS LOPEZ, Dayron