

Session Program

26-30 Sept 2022



XVI Workshop on Resistive Plate Chambers and Related Detectors

Detector R&D

CERN, 500/1-001 - Main Auditorium

Friday 30 September

10:00

Detector R&D: Detector R&D

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Salvatore Buontempo

10:00–10:20

High rate, high time resolution, 2D-position sensitive and aging effect suppression Multi-Strip Multi-Gap Resistive Plate Counter

Speaker

Mariana Petris

Location

CERN, 500/1-001 - Main Auditorium

10:20–10:40

Exploring the performance limits of the new generation of ATLAS RPCs

Speakers

Giulio Aielli, Giulio Aielli

Location

CERN, 500/1-001 - Main Auditorium

10:40–11:00

Coffee break

11:00–11:20

Latest results of Longevity studies on the present CMS RPC system for HL-LHC phase.

Speaker

Reham Aly

Location

CERN, 500/1-001 - Main Auditorium

11:20–11:40

Outdoor systems performance and upgrade

Speaker

Luis Alberto Vieira Lopes

Location

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11:40–12:00

Study of Ionic signal properties with different readout methods.

Speaker

Alessandro Paoloni

Location

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12:00–12:15

RPC background studies at CMS experiment

Speaker

Francesco Carnevali

Location

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12:40