

Session Program

9-13 Sept 2024



XVII Conference on Resistive Plate Chambers and Related Detectors

Finger-food lunch & poster session (I)

Tuesday 10 September

13:40

Finger-food lunch & poster session (I)

Session

13:40–14:00 **CMS RPC L1 Trigger primitives in HL-LHC**

Speaker

Qingfeng Hou

14:00–14:20 **iRPC clustering algorithm and hit reconstruction**

Speaker

Mauricio Thiel

14:20–14:40

An extension to the Analytical Method clustering algorithm for BMTL1 benefitting from CMS RPC timing

Speaker

Raphael Gomes De Souza

14:40–15:00 **CMS RPC L1 Trigger clustering at CMSSW**

Speaker

Cristina Giordano

15:00–15:20 **CMS RPC efficiency using tag-and-probe method in LHC Run 3**

Speaker

Jongwon Shin

15:20–15:40 **Machine Learning approach to CMS RPC HV scan data analysis**

Speakers

Anton Dimitrov, Mihaela Pencheva Pehlivanova

15:40–16:00 **CMS RPC Background studies in LHC Run 2 and Run 3**

Speaker

Leonardo Favilla

16:00