

## Session Program

9-13 Sept 2024



## XVII Conference on Resistive Plate Chambers and Related Detectors

***Ecogases and longevity (II)***

## Wednesday 11 September

11:30

### Ecogases and longevity (II)

Session | Location:

**11:30-11:50**   **Operation of 1 mm HPL RPCs with low-GWP gas mixtures****Speakers**

Aashaq Shah, Oleg Brandt

**11:50-12:10****Performance and long-term ageing studies on Eco-Friendly Resistive Plate Chamber detectors****Speaker**

Marcello Abbrescia

**12:10-12:30****Evaluating the Performance and Long-Term Stability with LHC-like Background Irradiation of RPC Detectors with a CO<sub>2</sub>-based Gas Mixtures****Speaker**

Stefania-Alexandra Juks

**12:30-12:50****Performance and longevity of CO<sub>2</sub> based mixtures in CMS Improved Resistive Plate Chambers in the HL-LHC environment****Speaker**

Joao Pinheiro

**12:50-13:10****Studies of F- Impurities Formation in ALICE MID RPC detectors: A Comparison between RUN2 and RUN3****Speaker**

Mattia Verzeroli

**13:10-13:30****A Novel Anti-Aging TBS MRPC For CBM-TOF****Speaker**

Mr Ming Yao

13:30