

Session Program

9-13 Dec 2024



3rd DRD1 Collaboration Meeting

Working Group 4: Detector physics, simulations, and software tools

CERN, 40/S2-C01 - Salle Curie

Wednesday 11 December

09:00

Working Group 4: Detector physics, simulations, and software tools

Session | Location: CERN, 40/S2-D01 - Salle Dirac

09:00-09:10 **News**

09:10-09:30 **optimization approach for optimal eco-friendly gases for RPCs**

Speakers

Dario Stocco, Dario Stocco, Pit Bechtold

09:30-09:50

How the different cathodic metals perturb the CF₃⁺ potential energy curve

Speakers

Jelena Jovanovic, Nebojsa Begovic, Predrag Milenovic

09:50-10:10

Advances in the Operational Principles of MICROMEGAS Gas Detectors at Low Pressure.

Speakers

Federico Pilo, Giuseppe Antonelli, giuseppe antonelli

10:10-10:30

simulation studies of PID for the CEPC TPC

Speaker

Dr Guang Zhao

10:30-11:00

short break - coffee

11:00-11:20

A standardization effort for low-temperature gas reactions

Speaker

Michele Renda

11:20-11:40

Time Resolution in Resistive Plate Chambers from Statistical Considerations

Speakers

Marcello Abbrescia, Marcello Abbrescia

11:40-11:55

DRD1 School Student Lecture: Long Simulation Exercise (RPC and resistive Micromegas)

Speakers

Alessandro Ruggeri, Matteo Brunoldi, Victor Olenin Ramirez Beltran, Warisara Charuchinda, Warisara Charuchinda

12:00