

Session Program

29 June 2026 to 3 July 2026



8th DRD1 Collaboration Meeting

8th DRD1 Collaboration Meeting

Working Group 1: Technological Aspects and Developments of New Detector Structures, Common Characterization and Physics Issues

Coimbra
Rua Larga, Departamento de Física

Monday 29 June

14:30

Working Group 1: Technological Aspects and Developments of New Detector Structures, Common Characterization and Physics Issues

Session | Location: Coimbra

14:30-14:40 **Overview WG1**

14:40-14:50 **Summary of the DRD1/FCC meeting of June 16**

Speaker

Riccardo Farinelli

14:50-15:15

Thin Gap Chamber with DLC cathodes. First operation in Ar:CO₂, Ar:CO₂:iC₄H₁₀

Speaker

Luca Moleri

15:15-15:40

A setup for characterization of novel optical amplification structures with wavelength-shifting capabilities (FAT-GEMs) under cryogenic conditions

Speaker

Diego Rodas Rodriguez

15:40-16:05 **Update on R&D of thin gRPCs**

Speaker

Dayron Ramos Lopez

16:05-16:30

Progress in photocathode research for PICOSEC Micromegas precise-timing detectors

Speaker

Marta Lisowska

16:30

16:50

Working Group 1: Technological Aspects and Developments of New Detector Structures, Common Characterization and Physics Issues

Session | Location: Coimbra

16:50-17:15

Optical Micromegas: Gas Optimization and Neutron Measurements at ISIS

Speaker

Elisavet Fasoula

17:15-17:40 **R&D on low-background Micromegas x-ray detectors for BabyIAXO**

Speaker

Maria Jimenez Puyuelo

17:40-18:05 **Towards a Measurement Along the Wire in Drift Tube Chambers**

Speaker

Nick Meier

18:05-18:30

Pixelated Charge Readout of Micro-Pattern Gaseous Detectors with the Timepix4 ASIC

Speaker

Eliska Jelinkova

18:30