

Session Program

29 June 2026 to 3 July 2026



8th DRD1 Collaboration Meeting

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Working Group 3: Gas and material studies

Coimbra
Rua Larga, Departamento de Física

Tuesday 30 June

15:00

Working Group 3: Gas and material studies

Session | **Location:** Coimbra, Rua Larga, Departamento de Física

15:00–15:10 **Welcome**

Speaker

Alessandra Pastore

15:10–15:30 **Sealed RPCs status and perspectives**

Speakers

Alberto Blanco, Alberto Blanco Castro

15:30–15:50

Eco-friendly RPC operation: preliminary results on new developments beyond SF₆ at GIF++

Speaker

Maximilian Lukas Kerker

15:50–16:10 **Exploring innovative helium-based gas mixtures for drift chambers**

Speaker

Susanna Scarpellini

16:10–16:30 **Eco-friendly gas test for optically readout TPCs**

Speakers

Melba D'Astolfo, Melba D'Astolfo

16:30

16:55

Working Group 3: Gas and material studies

Session | **Location:** Coimbra, Rua Larga, Departamento de Física

16:55–17:15 **Light production in Xe-SF₆ mixtures**

Speaker

Mr Afonso Marques

17:15–17:35

Comparing the simulation of electron transport properties of BOLSIG+ and MAGBOLTZ

Speaker

Max Schmit

18:30