

Session Program

24–25 Nov 2025

**EUROfusion Science Meeting on Status of Enabling
Research Projects**

Materials (MAT)

<https://us02web.zoom.us/j/83911165612?pwd=RcwEY6aiqwdpSSGrcNxwkP5IWvyIF0.1>, Video Conference

Tuesday 25 November

13:00

Materials (MAT)

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13:00–13:40 **irOn-based superconducting wires for fusion (ORION)**

Speaker

Andrea Masi

13:40–14:20

New dielectric functional materials and interfaces (DFMI) – Theoretical and Experimental analysis

Speaker

Anatoli Popov

14:20–15:00

Searching for spinel-structured materials with varying cation composition and enhanced radiation tolerance as optical windows for fusion applications

Speaker

Sergii Ubizskii

15:00–15:10 **COFFEE BREAK**

15:10–15:50

The impact of boron intermixing in PFC on atomic, structural and mechanical features: sputter yields, near-surface morphology, and fuel retention.

Speaker

Eduardo Pitthan Filho

15:50–16:30

He effects in concentrated equiatomic refractory alloys with increasing chemical complexity: from medium to high entropy alloys

Speaker

Flyura Djurabekova

16:30