

Session Program

23-26 Sept 2025

DRD7 annual workshop

TH-1

CERN, 30/7-018 - Kjell Johnsen Auditorium

Thursday 25 September

09:00

TH-1: DRD7, WP7.4 Plenary - Extreme environments

Session | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium | **Conveners:**
Oscar Augusto De Aguiar Francisco, Manuel Dionisio DA ROCHA ROLO, Giulio Borghello

09:00–09:05 Introduction to WG7.4

Speakers

Giulio Borghello, Manuel Rolo

09:05–09:30

Understanding Cryogenic Device Physics for Future Electronics in Ultra-low-temperature Environments

Speaker

Dr Hung-Chi Han

09:30–10:10

Project 7.4.a "Device modelling and Development of Cryogenic CMOS PDKs and IP"

Speakers

Alicja Michalowska-Forsyth, Luca Castellani, Manuel Rolo

10:10–10:45

DRD7.4b - Extreme environments: radiations

Speaker

Giulio Borghello

10:45