

Session Program

28 September 2026 to 2 October 2026



TWEPP26 Topical Workshop on Electronics for Particle Physics

Power

Castelldefels, Barcelona, Spain
Hotel Rey Don Jaime

Thursday 1 October

09:00

Power

Session | **Location:** Castelldefels, Barcelona, Spain, Hotel Rey Don Jaime

09:00–09:16

Anomalies and criticalities discovered in the bPOL12V_V6 DC-DC converter: causes and implications.

Speaker

Antonio Ocarino

09:20–09:36

Qualification tests of the bPOL12V_V6 “sudden failure” issue

Speaker

Daniel Hernandez Montesinos

09:40–09:56

How bPOL12V nearly destroyed the ITk Strip detector

Speaker

Dr Dennis Sperlich

09:56

11:20

Power

Session | **Location:** Castelldefels, Barcelona, Spain, Hotel Rey Don Jaime

11:20–11:36

HGCAL exposure, risk assessment and strategy to bPOL12V_V6 radiation sensitivities

Speaker

Pablo Daniel Antoszczuk

11:40–11:56

bPOL12V_FX1: Design and Radiation Qualification of a 12 V Point-of-Load DC/DC Converter in 350 nm CMOS

Speaker

Marta Macaluso

12:00–12:16

CMS ECAL Phase-2 upgrade: characterisation and stability analysis of a three-stage low-voltage power-conversion system

Speaker

Liv Anke Richter

12:16