

FZU contribution to DRD6 – Calo, WP1.2.1 - AHCAL

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AHCAL meeting, 11.12.2024

FZU contribution to DRD6 - AHCAL

- Expertise:
 - Digital design – FPGA / SOC firmware
 - DAQ software, EUDAQ integration
 - DQM: fast raw data tools, online monitoring
 - Integration of other detectors in Combined beam runs (TLU + telescope, ecal)
- Resources:
 - Electronics lab support (oscilloscopes, generators, power supplies)
 - Manpower: 1 Digital electronics engineer
 - 0.1 FTE till 3/2025,
 - 0.4 – 0.5 FTE from 4/2025 till 12/2027
- Budget situation
 - DRD6 is currently under Large Research Infrastructure “CERN-CZ” 2023-2026
 - Past years: 8k Eur/year for CALICE activities (travel & material)
 - Expected next 2 years: 4k – 6k Eur/year
- Plan for contribution and responsibilities
 - Open for discussion
 - DIF firmware
 - ... (?)