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Status of TB data analysis  
(updated TB2025 +6 months)

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## General comments

- In a few weeks, we should be able to generate "v1" of fully-aligned data.
- In January, we focus on documentation and analysis:
  - Dawid, Melissa, Michal, Shan should make a document on how the data are prepared (along with Wolfgang)
  - Some early results will be presented on LUXE workshop
- Data and software for TB2025 under Bucharest server
  - /data3/TB2025/
    - detector/Reconstructed/v1\_0
    - duttel/aligned/v1\_0
    - telescope/v1\_0
- Ask Mihai for access
- Roundtable after each ECAL-P meeting

## Analysis: What has been done

- Data preparation

**DUT:** three methods by deconv./CRRC fitting/Arrek+Filip

**TEL:** Corryvreckan

**DUTTEL:** two methods by Michal/Filip

- MIP calibration: by Melissa
- Monte Carlo simulation by Mihai
- Basic calorimetry

By Ben, Nofar, Roni, et al

We will go through the topics one by one in January meetings

- Longitudinal shower profile (leakage)
- Transverse profiles and Moliere radius
- Preliminary energy resolution and linearity
- ...