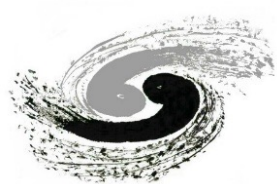
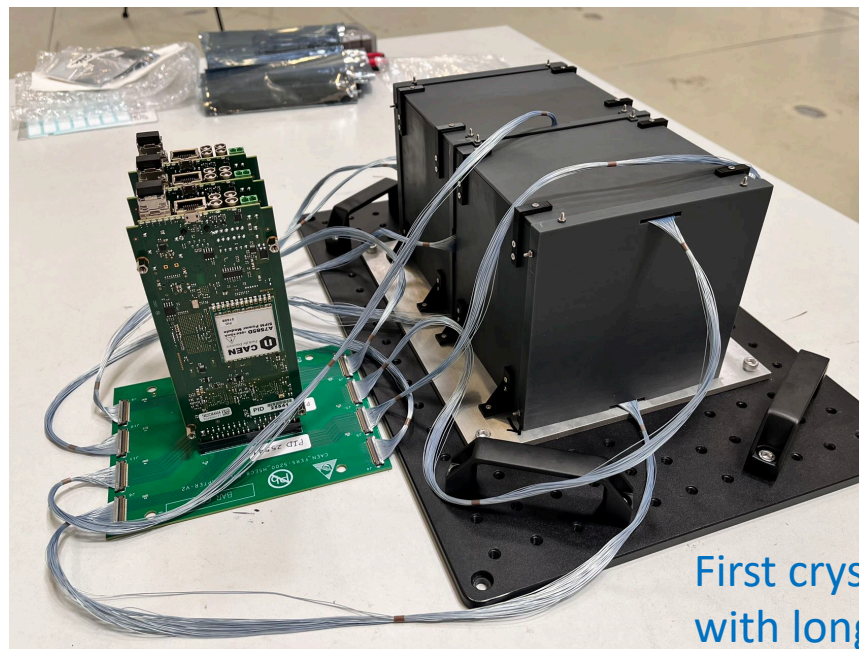
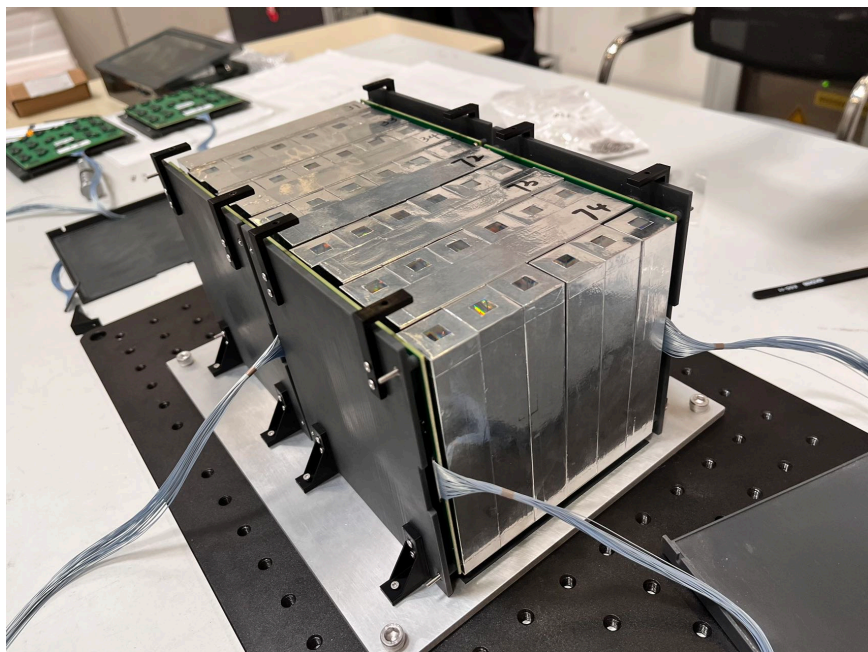


# CALICE at PS-T09: preparations and beamtest planning

Yong Liu (IHEP),  
for the CALICE and CEPC Calorimeter teams  
June 27, 2024

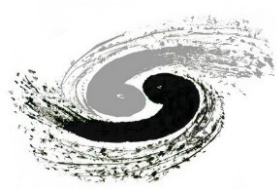


# Latest status

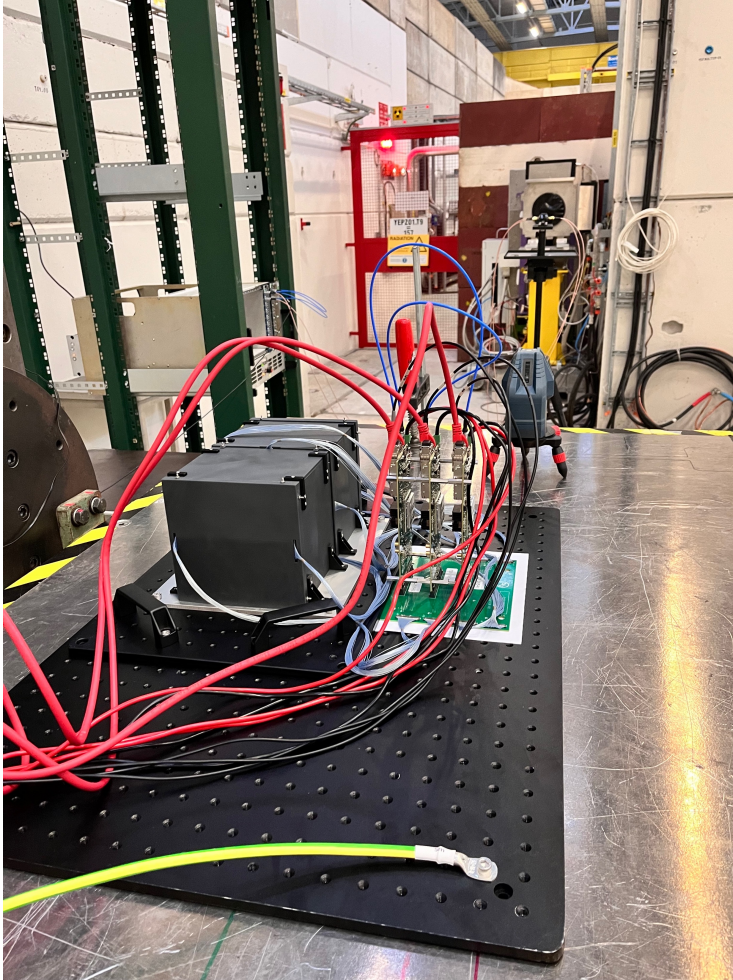


First crystal calorimeter prototype with longitudinal segmentations

- June 26
  - Finished assembly of crystal prototype (~21X0): BGO bars, SiPMs, FE-ASICs and DAQ
  - Safety clearance done
- June 27: starting to take muon data



# Plans



- General beam time plans at PS-T09
  - Prefer negative beam polarity
  - Start with  $\sim 10$  GeV  $\mu^-$  for calibrations
  - Energy scans of  $e^-$  in 1-5 GeV for EM shower studies
  - *Extra: low energy electrons < 1GeV (TBD)*
- Acknowledgements
  - Transport team: setup moving and arrangements
  - Alex (HSE team) for safety inspection
  - Dipanwita for PS-T09 coordination and beam files
  - Aboubakr for local technical support