

CEPC calorimeters: status and updates

Jianbei Liu (USTC), Yong Liu (IHEP)

June 11, 2024

Status and updates

- CEPC Hadron Calorimetry and Software Framework CEPCSW in June 5
 - <https://indico.ihep.ac.cn/event/22693/>
 - New task force for AHCAL in CEPCSW -> ScintGlassHCAL geometry + digitisation
- Electronics & TDAQ Meeting in June 6
 - Dedicated discussions on crystal calorimeter requirements
 - <https://indico.ihep.ac.cn/event/22682/>
 - Key issues
 - Timing resolution requirements: inputs of cosmic/beam test results
 - Single photon calibration for SiPM? No, requires SiPM calibration scheme for saturation
- CEPC Calorimeter Weekly Meeting on TDR in June 7 ([Minutes](#))
 - Beam-induced backgrounds for endcap calorimeters: new taskforce arrangements
 - Mechanics design for crystal ECAL, HCAL barrel + endcap
 - Brief updates on the electronics-related requirements on crystal ECAL
 - Brief revisit to criteria for calorimeter option select