

Contribution ID: 64

Type: **not specified**

The study on the Calorimeter for CEPC

Thursday 24 May 2018 16:50 (20 minutes)

Circular Electron Position Collider (CEPC) is proposed as a Higgs or Z factory and the concept design of the CEPC detectors is on the way. The design and optimization of the CEPC calorimetry system include ECAL and HCAL with several options will be presented. This report will focus on the study of HCAL based on the Particles Flow Algorithm with different technologies including gas detector and scintillator-SiPM. The plan to build the physics prototypes for both the ECAL and HCAL will also be introduced.

Secondary topics

Applications

Design concepts for future calorimeter at the energy frontier

Primary topic

Particle Flow

Author: Dr HU, Tao (IHEP,China)

Presenter: Dr HU, Tao (IHEP,China)

Session Classification: Session 13