

CEPC Weekly Meeting (2025-02-25)

- ❖ Weekly software meeting
 - <https://jupyter.ihep.ac.cn/faX6jrBATtGiKBfVbkLH5Q>
- ❖ CEPCSW TDR 25.02
 - **Tracking:** Momentum resolution improvement with effective material budget
 - **ITK:** Updated the geometry with redefined sensitive detector area is available
 - **Endcap Tracker:** Update the geometry is in processing
 - **ECAL:** Dead material of endcap is ready
 - **CyberPFA:** HCAL Rec is optimized, validation is in processing
 - **Muon software:** To provide identification information for performance studies
 - **Optional:** Background mixing
- ❖ On-going
 - **MC truth:**
 - To record the decay and interaction trees of the primary particles in the detector simulation
 - To provide accurate information about primary ionization