CEPC Weekly Meeting (2024-12-03)

❖ Weekly software meeting

- https://jupyter.ihep.ac.cn/faX6jrBATtGiKBfVbkLH5Q

❖ Software progress

- Software release tdr24.12.0 published
    - Release note can be found:
      https://code.ihep.ac.cn/cepc/CEPCSW/-/releases/tdr24.12.0
    - Heed for TPC, precise step size used for propagation, bugs fixed in track reconstruction, CyberPFA, Tracking with ACTS, RDAnalysis
    - Centos7 is supported and almalinux9 is being tested

- Calorimeter: The reconstruction algorithms for end-cap being developed

- OTK: new geometry of barrel and end-cap is being implemented for detector simulation

- Simulation of silicon detectors: simplified passive material

❖ The writing of Chapter 13 is ongoing