Tracker Meeting Minutes

Time: 2024/6/18 14:00 – 16:15

Participants: WANG Meng (王萌), CHANG Yue (常悦), FAN Yunyun (樊云云), FU Chengdong (傅成栋), FU Jinyu (付金煜), GENG Qinglin (耿青林), LI Gang (李刚), LI Zhan (李瞻), LU Weiguo (陆卫国), LIANG Zhijun (梁志钧), QI Huirong (祁辉荣), SHE Xin (佘信), WU Linghui (伍灵慧) , WEI Wei (魏微), YAN Xiongbo（严熊波）, ZHAO Guang (赵光), ZHAO Mei (赵梅), ZHAO Yubin (赵豫斌), ZHANG Jian (张建)

Minutes: Huirong Qi

* GQL
  + Qinlin shows the update simulation results of PID performance with only TOF, the track performance of the barrel/enpcap, Pt VS. dθ and dθ in the different z pitch. And, the uniformity magnetic field has been considered.
* WM
  + Some discussions based on GQL’s talk and WM suggested that a full simulation effort be initiated and some simulation work packages will be contact with Shi Xin after.
* QHR
  + Some updated progress on the TPC for TDR, the updated parameters of TPC completed to input CEPC SW software package and some results of the FEA analysis of TPC barrel and endcap given.
* FJY
  + Some updates and preliminary design of the support scheme of ITK and endcap of ITK.
* FYY
  + Some update progress on the power distribution for barrel of LGAD, the power consumption will be reached from 5.12W/cm^2 to 7.68W/cm^2.
* LG
  + Suggested that the person in the every track detector group can provide the material budgets and some specific parameters to CEPC SW. Silicon track detector from Gang Li, TPC track detector from Xin She and Silicon strip detector from Chengdong Fu. All materials will be in charge of Chengdong Fu.
* WM
  + Next meeting will be held on the next Tuesday noon (25, June).