Tracker Meeting Minutes

Time: 2024/3/29 10:00 – 12:05

Place: 多学科楼226会议室 / 腾讯会议

Participants: 常悦, CHEN Mingshui (陈明水), DONG Mingyi (董明义), FAN Yunyun (樊云云), FU Chengdong (傅成栋), FU Jinyu (付金煜), LI Gang (李刚), 李梦朝, LI Yiming (李一鸣), LI Zhan (李瞻), LIANG Zhijun (梁志钧), 刘灿文, GENG Qinglin (耿青林), QI Huirong (祁辉荣), 佘信, SHI Xin (史欣), WANG Meng (王萌), WEI Wei (魏微), WU Linghui (伍灵慧), XU Zijun (徐子骏), YAN Xiongbo (严雄波), 曾浩, 张瑶, ZHAO Guang (赵光), ZHAO Lei (赵雷), 赵梅

Minutes: WANG Meng

* WM
  + As suggested by Steering Committee, a few foreigners will be invited to attend the forthcoming mini-review.
  + We shall consider how to enhance international collaboration.
* CMS: introduction to the Group of Key Projects (重点项目群).
* FCD: preliminary results of the full simulation with endcap tracking
  + WM suggested to vary spatial resolution parameters one by one.
* LG/GQL: preliminary results of the fast simulation with silicon inner tracker
  + As tracking performance depends on the range of momentum, we shall figure out a figure of merit for optimization.
* QHR: a few updates on TPC
* DMY: DC update of FEA with thinner endplates
* LYM: a few updates on CMOS tracker
* LZ: working on endcap design with silicon strips.
* FYY: LGAD/TOF
  + preliminary design of endcap TOF/tracker with petal structure
  + cost estimation for the barrel and endcap TOF/tracker
  + The cost of TOF only is almost the same as that of TOF+tracker.