CEPC Weekly Software Meeting

- ❖ In the latest software release published in the weekend:
  - There are many updates to detector geometry
  - Package names have been modified to align with the new naming convention
- ❖ Performance measurements
  - Event reconstruction in the ECAL takes approximately 120 seconds per event, and memory leakage has been identified. Both issues need to be resolved as soon as possible.
  - Each simulation job consumes approximately 4.5 GB of memory, exceeding the limit. Multi-threaded simulation is required to address this issue.
- ❖ Discussion with physics group
- ❖ China-JINR workshop on software and computing for future HEP experiments at Baikal
  - JINR plans to contribute to the CEPC in the areas of physics, calorimeter detector, software, and computing