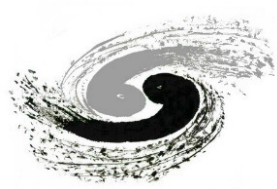


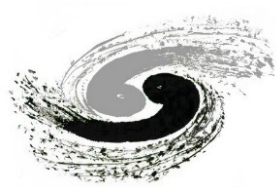
CEPC Ref-TDR ECAL Updates

Yong Liu (IHEP) for the CEPC Ref-TDR ECAL team
CEPC Reference Detector TDR Weekly Meeting
February 25, 2025



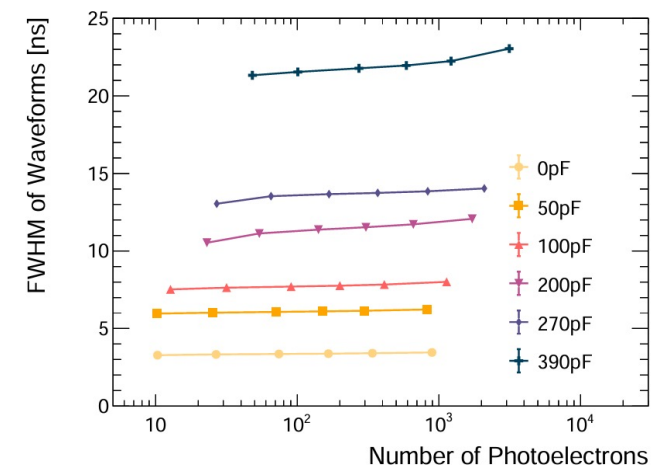
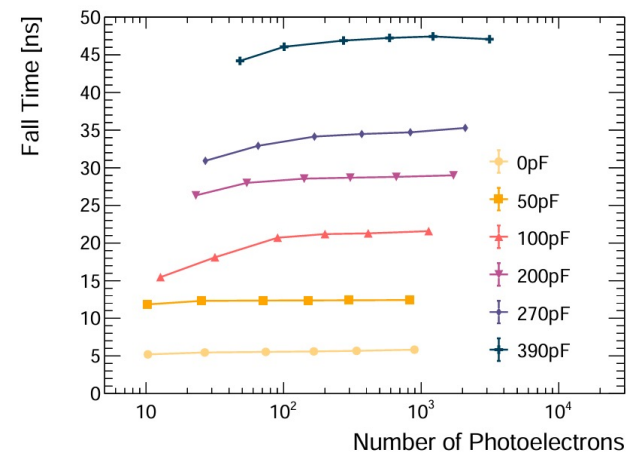
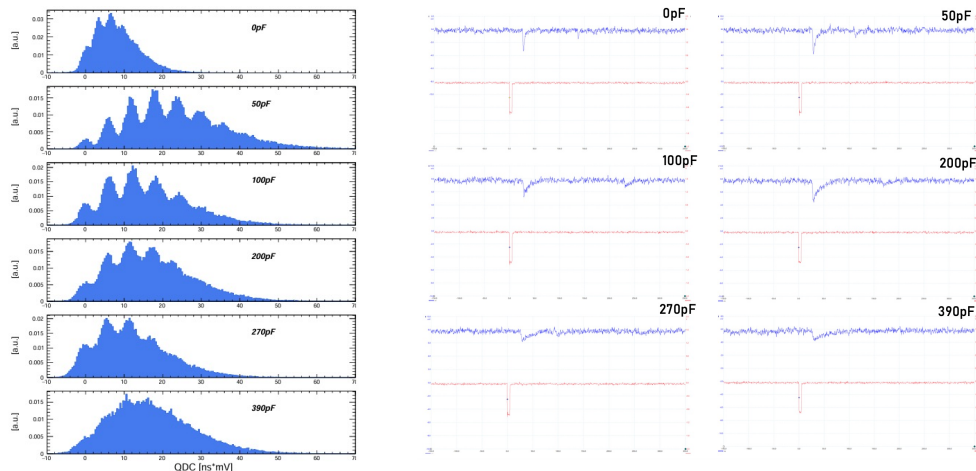
Overview on updates

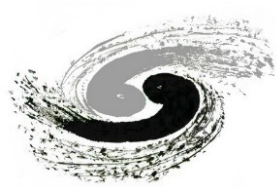
- The 17th Vienna Conference on Instrumentation (VCI2025) in Feb. 17-21
 - High granularity crystal calorimeter R&D highlights ([talk in Feb. 18](#))
- Electronics group: review on SiPM-readout ASIC design in Feb. 20
- CEPC Ref-TDR ECAL Weekly Meeting
 - Feb. 21, 2025: <https://indico.ihep.ac.cn/event/25008/>



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 - Brief overview: feedback to IDRC review report on the ECAL part ([slides](#))
 - Testing results for techniques to increase NDLSiPM pulse width
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- Plans
 - Lab test: to take more NDL-SiPM waveforms with BGO + Cs-137 within this week
 - Visit [Harbin FRP Institute Co.](#): with mechanics + tracker colleagues in Feb. 26 - 28
 - Carbon-fiber reinforced materials: FEA results and validation, mass production and quality control, cost estimates