

Present assessment

- So far, it looks like pfRICH HRPPDs can be operated in ePIC solenoid magnetic field at a comfortable gain, without a noticeable loss of efficiency or other side effects
- Few things to clarify:
 - Timing resolution
 - Loss of the active area due to a Lorenz angle effect (spoiler: must be <1%)
 - Aging in a magnetic field at a particular gain required for FCFD frontend
 - HV choice for HRPPD gain adjustment in an inhomogeneous magnetic field
- Other pending questions (for a pfRICH use case)
 - Simultaneous detection of single photons and multi-photon flashes in the HRPPD windows
 - Operation under a high sustained charged particle flux (near beam pipe)