c) Photon Detectors

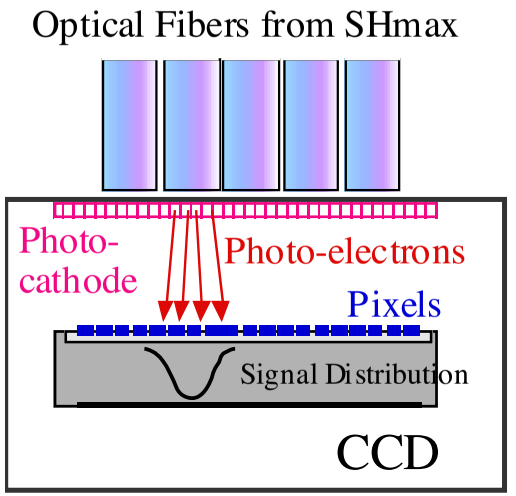
- EMC/HCAL

  multi-channel HPD/HAPD : promising (however cost-down needed)

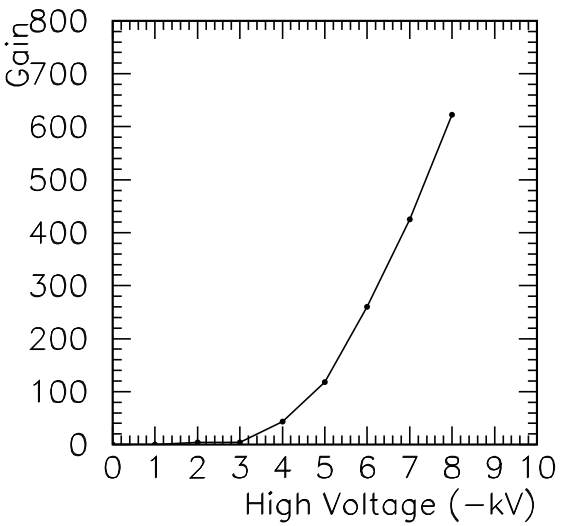
- Scintillator-Strip EMC/SHmax need

  super-multichannel photo-detector.

  - 61ch-HPD ; tests in progress
  - EBCCD ; tests in progress. Higher gain needed.



Principle of EBCCD



Gain vs photo-cathode voltage for proximity-focused EBCCD