Silicon photomultiplier as a detector of Cherenkov photons

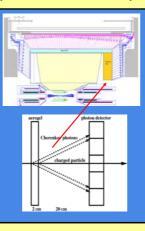
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Motivation

Photon detector for a proximity focusing RICH in the forward region of the upgraded BELLE detector.

Required: operation in 1.5 T field, preferably excellent timing (advantageous for an additional TOF functionality of the RICH counter)



SiPM: photon detector candidate for the Belle RICH

