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## The Barrel Imaging Calorimeter of the ePIC Detector

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The Barrel Imaging Calorimeter (BIC) of the ePIC detector is designed to meet the unique challenges presented by the physics of the Electron-Ion Collider. For energy measurements of showers, the BIC employs scintillating fibers aligned parallel to the beam axis, utilizing lead absorbers and silicon photomultipliers for readout. The challenging requirements for separating electrons from pions, among others, are met by interleaving the lead/SciFi portion of the detector with AstroPix MAPS silicon detectors capable of  $dE/dx$  measurement. This talk will discuss the design of the calorimeter, as well as some results from the R&D effort.

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