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## First particle results for the HEPAPS4 characterisation

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Monolithic Active Pixel Sensors (MAPS) form a set of new detector technologies currently under study as possible vertex and tracking sensors to be used in future high energy physics (HEP) experiments. The most active research is being carried out as part of R&D for future e+e- colliders while such devices are also a possibility for vertexing at a neutrino factory near detector. Here presented are preliminary results for particle detection using the HEPAPS4 chip. The HEPAPS4 chip is a large area sensor of standard 3 CMOS type specifically designed for charged particle detection. This paper will report on the response of this device to charged particles from a 6GeV e- testbeam and a beta source. Presented are S/N and cluster size data with preliminary studies of telescope correlations.

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