

## **Results from a testbeam study of a fully assembled sensor plane for BeamCal**

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The International Linear Collider (ILC) is being designed to explore particle physics at the TeV scale. At this energy beamstrahlung needs to be considered in the design of the Very Forward Region since it creates a high radiation field. Radiation hard sensors using new GaAs:Cr wafers are an option for the BeamCal. Using dedicated fast front-end and ADC ASICs a prototype of a sensor plane was built and studied in a 4 GeV electrons beam. Results on the performance of the full system are presented.

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