

8th "Trento" Workshop on Advanced Silicon Radiation Detectors (3D and p-type)

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Charge Collection Measurements of Irradiated 3D Sensors

Tuesday, 19 February 2013 10:00 (20 minutes)

In collaboration with the University of Trento we have measured the charge collection response of three different FBK 3D sensor designs. The sensors have been irradiated with 800 MeV protons to various fluences exceeding 1×10^{16} neq/cm², and the relative CCE has been characterised with source and laser stimulus.

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