

Beam test results of 3D pixel devices for forward tracking

Friday 15 November 2013 10:00 (20 minutes)

Tracking detectors for forward physics experiments impose two critical requirements: first, the active area of the detector has to be as close as possible to the beam, which means that the dead region of the sensor has to be minimized. Second, the device has to be able to cope with an inhomogeneous radiation distribution. In this presentation results of beam tests of slim-edged 3D pixel devices and of in-homogeneously irradiated devices carried out at DESY in June and July 2013 will be presented.

Primary authors: MICELLI, Andrea (IFAE Barcelona); LOPEZ PAZ, Ivan (Universitat Autònoma de Barcelona (ES)); LANGE, Joern (IFAE Barcelona); GRINSTEIN, Sebastian (IFAE/ICREA Barcelona)

Presenter: LANGE, Joern (IFAE Barcelona)

Session Classification: 3D detectors and slim edges