

## **Preliminary results from 3D CMS pixel detectors**

*Wednesday, 2 June 2010 11:30 (20 minutes)*

Two different 3D detector designs with CMS pixel readout electronics are being developed and evaluated for their advantages and drawbacks. The fabrication of full-3D active edge CMS pixel detectors with p-type substrate has been successfully completed at SINTEF. Electrical characteristics and preliminary beam test results of these devices will be presented.

**Primary author:** Mr KOYBASI, Ozhan (Purdue University)

**Presenter:** Mr KOYBASI, Ozhan (Purdue University)

**Session Classification:** New Structures

**Track Classification:** New Structures