

Characterization of 75 and 150 micron thin strip and pixel sensors produced at MPP-HLL

Tuesday 1 June 2010 15:30 (20 minutes)

We will present the results of leakage-current and capacitance measurements of a MPP-HLL production of 75 and 150 micron thin n-in-p strip and pixel sensors before and after irradiation up to a fluence of 10^{16} n_eq. They exhibit low dark currents and depletion voltages and break through well after depletion. The results of CCE measurements performed with the ALIBAVA read-out system will be shown.

The layout of a second n-in-p pixel production, aimed to supply sensors for the ATLAS IBL qualification process, is also presented.

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Session Classification: Full Detector Characterization