

3rd Workshop on Advanced Silicon Radiation Detectors (3D and P-type Technologies)

Contribution ID: 3

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Liverpool charge collection results on RD50 p-type sensor sets

Monday 14 April 2008 16:30 (30 minutes)

Charge collection measurements from Liverpool on RD50 p-type sensors sets irradiated up to 1×10^{16} neq/cm² with neutrons and protons will be presented. A comparison of the charge collection and bias current performances of thin (140 μ m) and thick (~300 μ m) p-type sensor will be shown.

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Session Classification: P-type strip detectors 3

Track Classification: Radiation hardness properties of p-type substrate silicon micro-strip detectors: neutron and proton irradiations