

TCT-Measurements of mixed irradiated Magnetic Czochralski Diodes in the SLHC-Scenario

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Magnetic Czochralski Diodes both n-type and p-type of 300um thickness were irradiated with protons and neutrons to fluences corresponding to different Radii in the CMS-Tracker. IV- and CV-Measurements were performed to study the depletion behaviour of diodes with increasing current. Measurements with a TCT-Setup with red and infrared laser light are in progress to extract trapping times and charge collection efficiency.

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