

Characterisation of 3D pixel sensors irradiated at extreme fluences

Wednesday, 20 November 2019 11:30 (20 minutes)

In this talk we present for the first time, the 3D pixel sensors irradiated with neutrons up to a fluence of 3×10^{17} [n_{eq} /cm^2]. TCT measurements and charge collection efficiency showed that the sensors remain operative despite the unprecedented levels of irradiation similar of those estimated in the Future Circular Collider (FCC).

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Session Classification: Sensor Characterization Techniques (TCT, CV); Extreme Fluences