

CCE and Edge_TCT measurements with ATLAS 07 and ATLAS 12 detectors

Wednesday 11 June 2014 14:40 (20 minutes)

CCE efficiencies of two detector batches were measured before and after irradiations with neutrons and protons to fluences up to $5 \cdot 10^{15} \text{ cm}^{-2}$. Annealing was performed at 60 C. Edge TCT measurements were used to probe the drift velocity distribution in the detector volume.

Author: MANDIC, Igor (Jozef Stefan Institute (SI))

Co-authors: KRAMBERGER, Gregor (Jozef Stefan Institute (SI)); MIKUZ, Marko (Jozef Stefan Institute (SI)); Dr ZAVRTANIK, Marko (Jozef Stefan Institute (SI)); CINDRO, Vladimir (Jozef Stefan Institute (SI))

Presenter: CINDRO, Vladimir (Jozef Stefan Institute (SI))

Session Classification: Session 2 - Detector Characterization