

Studies of gain and time resolution of 50 μm LGADs before and after irradiation

Tuesday 22 November 2016 12:10 (20 minutes)

50 μm LGADs from the recent CNM production were studied before and after irradiation with neutrons in Ljubljana to 3×10^{14} and 1×10^{15} neq/cm^2 . The gain was measured with TCT and Sr90 beta particles. The time resolution was measured with 120 GeV pions in two beam tests at CERN SPS in June/July and September 2016.

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Session Classification: LGAD, DD-APD, SiPM, UFSD, HFS