

Radiation Tolerance study of AIDA2020v2 LGADs manufactured at IMB-CNM

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A comprehensive review of the characterization results of neutron-irradiated (up to a fluence of $2.5 \times 10^{15} n_{eq}/cm^2$) LGADs manufactured at IMB-CNM in the context of the AIDA-2020 project will be given. The single-diode LGADs studied have an architecture that corresponds to that envisaged for the high-luminosity LHC MIP timing detectors.

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