

## Stability and operational safety on LGADs

*Tuesday 19 November 2019 14:05 (20 minutes)*

The maximum operating voltage, efficiency and stability of 1x1 mm highly proton and neutron irradiated LGADs is presented for a boron, boron+carbon and gallium gain layer. Through charged particle measurements, electrical characterization and risk analysis using experience on calamities, a discussion is introduced on establishing safe operating limitations on thin LGADs.

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