

## Properties of LGAD sensors

*Tuesday 21 February 2017 14:25 (20 minutes)*

In this presentation I will review the results on the gain behaviour of LGAD sensors as a function of several key parameters such as  $V_{bias}$ , Temperature, doping of the gain layer, and irradiation dose.

This review will include results from LGAD manufactured by different foundries using different productions techniques and production parameters.

The experimental results are compared to simulation results obtained using the Weightfield2 program.

### TRACK

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