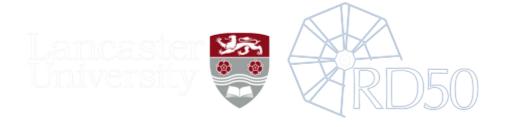
## 34th RD50 Workshop (Lancaster)



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## The effect of temperature and irradiation on the LGAD gain mechanism

Wednesday 12 June 2019 11:00 (20 minutes)

In this contribution, I will present the data currently available on the effects of temperature and irradiation on the gain mechanisms of LGAD. The data currently available regard both the multiplication mechanism in the bulk and in the gain layer. From these measurements, a model of the behavior of future LGAD productions vs temperature and fluence can be established.

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