

First results from thin silicon sensors irradiated to extreme fluence

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The first 25 and 35 $m\mu$ thick LGAD sensors produced at FBK have been irradiated with neutrons up to $1 \cdot 10^{17}$ n_{eq}/cm^2 .

The preliminary electrical characterisation of the irradiated sensors will be presented.

The plans towards the next production of thin sensors optimised for extreme fluences will be discussed.

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