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Progress on AC-LGAD

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AC-LGAD are LGAD with simplified structure.
Basically all segmentation in the P+, N+ and oxide are eliminated and only the AC-coupled metal contact is segmented.
We have tested with laser, beta and alpha the first prototypes from CNM Run 10478 which were produced without optimization of the doping profile and simulated the response with TCAD and SPICE. A program going forward is described.

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