



*Institut
Ruđer
Bošković*



Contribution ID: 4

Type: **not specified**

The "1 micron" project

Thursday 19 November 2020 16:40 (20 minutes)

Resistive readout allows designing thin sensors with a small material budget and excellent spatial resolution. In this contribution, I will present how exploiting the properties of AC-LGAD is it possible to reach a spatial precision of 1 μm with large pixels (150-200 μm), keeping the material budget low enough to meet the stringent requirement of the future e+e- experiments.

Primary author: CARTIGLIA, Nicolo (INFN Torino (IT))

Presenter: CARTIGLIA, Nicolo (INFN Torino (IT))

Session Classification: LGADs