

# Characterization of the first RSD production at FBK

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In this contribution we present recent results on the characterization of Resistive AC-Coupled Silicon Detectors (RSD) produced by FBK in 2019. Both electrical measurements and signal response of un-irradiated sensors will be presented. Being the RSD devices intended for 4D particle tracking, we also show preliminary but very promising results about their spatial and time resolution. All the measurements come from extensive testing campaigns performed at CERN (SSD Lab) and in the Torino Innovative Silicon Detectors Lab.

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