

Spatial and temporal resolutions of sensors belonging to the second FBK RSD production

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The second production of resistive silicon detectors at FBK, RSD2, features several innovative designs of the electrode geometry aiming to maximize signal sharing among a well-defined number of pads. This talk presents the first results obtained with the "cross" geometry, where the metal of the pads is shaped like a cross.

This geometry is particularly well suited to maximize charge sharing among 4 pads while minimizing the spread over pads that are further away.

Primary authors: SIVIERO, Federico (INFN - National Institute for Nuclear Physics); CARTIGLIA, Nicolo (INFN Torino (IT)); BORGHI, Giacomo (Fondazione Bruno Kessler); DALLA BETTA, Gian-Franco (INFN and University of Trento); PATERNOSTER, Giovanni (Fondazione Bruno Kessler); MENZIO, Luca (Universita e INFN Torino (IT)); PANCHERI, Lucio (University of Trento and TIFPA-INFN); FERRERO, Marco (Universita e INFN Torino (IT)); MANDURRINO, Marco (INFN); TORNAGO, Marta (Universita e INFN Torino (IT)); CENTIS VIGNALI, Matteo (FBK); BOSCARDIN, Maurizio (FBK Trento); ARCIDIACONO, Roberta (Universita e INFN Torino (IT)); SOLA, Valentina (Universita e INFN Torino (IT))

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

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