

10th Anniversary "Trento" Workshop on Advanced Silicon Radiation
Detectors

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Laboratory characterization of CCPDv2 and CCPDv4 capacitively coupled to FEI4

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We present a detailed characterization of the CCPDv2 and CCPDv4 CMOS sensors capacitively coupled to FEI4. We discuss the equalization procedure and the strategy for lowering the CCPD threshold, its temperature dependence and the intrinsic limits of the system.

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