

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

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## HVCMOS Sensors for LHC Upgrade

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High-Voltage CMOS sensors are based on depleted active diodes as sensor elements. Every sensor element –pixel– is equipped with the readout electronics that performs various tasks, from signal amplification, zero suppression, address generation to time walk correction. High-Voltage CMOS sensors are an option for pixel- and strip layers of ATLAS high-luminosity upgrade. Several prototypes have been produced and tested. In this talk the latest results will be presented.

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