
MONOLITHIC SiGe BiCMOS PIXEL DETECTORS: ULTRA FAST TIMESTAMPING PERFORMANCE AND TeV-SCALE PHOTON DETECTION.

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WRITTEN BY
THÉO MORETTI

UNIVERSITÉ DE GENÈVE, SUISSE
SECTION DE PHYSIQUE - DÉPARTEMENT DE PHYSIQUE NUCLÉAIRE ET
CORPUSCULAIRE
THEO.MORETTI@UNIGE.CH

SUPERVISED BY PROFESSOR GIUSEPPE IACOBUCCI

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