



detector seminar

SPEAKER: Laurent Serin
TITLE: **The ATLAS High Granular Timing Detector for the phase II Upgrade**
DATE: 1 Jun 2018, 11:00
PLACE: 40-S2-D01 - Salle Dirac

ABSTRACT

In order to maintain similar performance (jets, b tagging,...) for the forward and central region in the challenging pile-up environment of the HL-LHC, ATLAS is proposing a High Granular Timing Detector (HGTD) covering the high eta region. The detector concept and its expected performance will be first discussed with greater emphasis on the most critical R&D; on sensors and electronics with recent laboratory and test beam results.