

11th International "Hiroshima" Symposium on the Development and Application of Semiconductor Tracking Detectors (HSTD11) in conjunction with 2nd Workshop on SOI Pixel Detectors (SOIPIX2017) at OIST, Okinawa, Japan

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Type: **ORAL**

Pixel Detector Overview

Tuesday, 12 December 2017 09:00 (30 minutes)

The talk gives an overview of the status and state of the art of pixel detectors in particle physics and reviews current trends and directions of new developments.

In particular high rate and high radiation applications of pixel detectors like for the LHC Upgrade and developments that offer low material and low cost will be addressed, including new developments on timing with silicon pad/pixel detectors.

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Session Classification: Session5

Track Classification: Pixel sensors for tracking