

Future trends in sensor design

Tuesday, November 7, 2017 10:05 AM (45 minutes)

Speaker: T. Kugathasan (CERN)

This presentation gives an overview of the Monolithic pixels sensors for High Energy Physics applications and possible developments for future detectors.

- Introduction to the sensor principle and radiation tolerance
- State of the art ALPIDE pixel sensor chip for the ALICE ITS Upgrade
- Design for the ATLAS ITk outer layer, full scale prototypes and module concept