



Contribution ID: 218

Type: **Poster presentation + pitch**

## Module development for the ATLAS ITk Pixel Detector

In HL-LHC operation the instantaneous luminosity will reach unprecedented values, resulting in about 200 proton-proton interactions in a typical bunch crossing. The current ATLAS Inner Detector will be replaced by an all-silicon system, the Inner Tracker (ITk). The innermost part of ITk will consist of a state-of-the-art pixel detector.

The individual modules of the ITk Pixel Detector comprise silicon sensors using various different technologies, with the sensors read out using the new ITKpix ASIC.

In this talk we will present results from first prototype modules using the new ASIC.

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**Session Classification:** Poster session 1

**Track Classification:** Applications