



Contribution ID: 13

Type: **not specified**

Beam tests for the ATLAS ITk strip upgrade

Friday 5 February 2016 10:00 (20 minutes)

The Silicon strip detector will form one component of the ATLAS Integrated Tracker upgrade for the High-Luminosity LHC. Recent tests of the prototype sensors and electronics have been performed at the DESY II testbeam, using the DURANTA telescope with an additional pixel layer to improve timing resolution. Results will be shown on the tracking performance using the Generalized Broken Lines algorithm, along with results of the gain measurements of the readout electronics.

Primary author: KELLER, John (DESY)

Presenter: KELLER, John (DESY)

Session Classification: Data analysis