

## **Radiation damage monitoring of the ATLAS pixel detector**

Radiation damage to the ATLAS pixel detector is measured continuously by a dedicated system for monitoring leakage current in a representative sample of the modules. Measurements for the full 2011-2012 run are presented and compared to predictions by a theoretical model. The data are used to infer the impact of the current upon the lifetime of the detector.

**Author:** SEIDEL, Sally (University of New Mexico (US))

**Presenter:** SEIDEL, Sally (University of New Mexico (US))