

## 3rd Workshop on Advanced Silicon Radiation Detectors (3D and P-type Technologies)

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# Overview of Pixel Detector Activities for the ATLAS Upgrade

*Wednesday, 16 April 2008 11:30 (30 minutes)*

To cope with the increased luminosity of SLHC, the complete inner tracker of ATLAS must be upgraded. The talk aims to give an overview of current pixel detector activities with emphasis on R&D activities outside of 3D- and p-type-sensors. Apart from sensors, also FE developments and challenges for powering and cooling will be briefly described.

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**Session Classification:** Pixels

**Track Classification:** Radiation hardness properties of 3D detectors (results and simulations)