

**Session Program**

**6-10 Sept 2010**

**Pixel2010 - International Workshop on  
Semiconductor Pixel Detectors for Particles  
and Imaging**

***Pixel Technologies I***

Grindelwald, Switzerland

# Wednesday 8 September

09:00

## Pixel Technologies I

**Session** | **Location:** Grindelwald, Switzerland | **Convener:** G. Bolla

09:00–09:20

### Recent progress of the ATLAS Upgrade Planar Pixel Sensor R&D Project N+-in-n pixel sensors for the ATLAS upgrades

**Speaker**

D. Muenstermann

09:20–09:40

### Development of n-in-p Silicon Planar Pixel Sensors and flip-chip modules for very high radiation environment

**Speaker**

Y. Unno

09:40–10:00

### Planar Sensors for the Upgrade of the CMS Pixel Detector

**Speaker**

T. Rohe

10:00–10:20

### Characterization of n-in-p pixel sensors for high radiation environments

**Speaker**

I. Tsurin

10:20–10:50

### Coffee

10:50–11:10

### Performance of thin pixel sensors irradiated up to a fluence of $10^{16}$ neq cm<sup>-2</sup> and development of a new interconnection technology for the upgrade of the ATLAS pixel system

**Speaker**

A. Macchiolo

11:10–11:30

### 3D silicon sensors from different manufacturers of pixel upgrades at the LHC

**Speaker**

A. Micelli

11:30–11:50

### Preliminary test results of 3D CMS pixel sensors for SLHC

**Speaker**

E. Alagoz

11:50