

Session Program

6-10 Sept 2010

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

Pixel Technologies II

Grindelwald, Switzerland

Thursday 9 September

09:00

Pixel Technologies II

Session | **Location:** Grindelwald, Switzerland | **Convener:** N. Wermes

09:00–09:20

Particle pixel detectors in high-voltage CMS technology - the new achievements

Speaker

I. Peric

09:20–09:40

Monolithic Active Pixel Sensors with high-density readout electronics in a 65nm CMS technology

Speaker

L. Gaioni

09:40–10:00

Thin Pixel Development for the SuperB Silicon Vertex Tracker

Speaker

G. Rizzo

10:00–10:20

High-resistivity CMOS pixel sensors and their application to the STAR PIXEL detector

Speaker

A. Dorokhov

10:20–10:50

Coffee

10:50–11:10

Advanced Monolithic Active Pixel Sensors for tracking and vertexing with full CMOS capability

Speaker

M. Stanitzki

11:10–11:30

A novel SOI pixel detector with depleted substrate

Speaker

P. Giubilato

11:30–11:50

Progress of SOI Pixel Detectors and 3D Integration

Speaker

Y. Arai

11:50–12:10

Low cost flip chip assembly and interconnection technologies for large area pixelsensor applications

Speaker

Th. Fritsch

12:10