

Session Program

12-16 Sept 2011



PSD9: The 9th International Conference on Position Sensitive Detectors

Advances in Pixel Detectors

Wednesday 14 September

13:50

Advances in Pixel Detectors

Session | **Location:** Old College | **Convener:** Dr Dave Langstaff

13:50–14:30

Imaging Based on Tracking of Individual Particles with the Timepix Pixel Detector

Speaker

Jan Jakubek

14:30–15:10

Planar Fourier Capture Arrays: Tiny Optical Sensors Built Entirely in Unmodified CMOS

Speaker

Dr Patrick Gill

15:10–15:30

PIImMS, a fast event-triggered pixel detector with storage of multiple timestamps

Speaker

Mr Jaya John John

15:30–15:50

SLID-ICV Vertical Integration Technology with Thin Pixel Sensors for the ATLAS Pixel Upgrades

Speaker

Philipp Weigell

15:50

Thursday 15 September

16:10

Advances in Pixel Detectors

Session | **Convener:** Prof. Philip Patrick Allport

16:10–16:30

Application of a HEPE-oriented 4096-MAPS to time analysis of single electron distributoin in a two-slits interference experiment

Speaker

Dr Alessandro Gabrielli

16:30–16:50

Imaging and spectroscopic performance studies of pixellated CdTe Timepix detector with synchrotron radiation

Speaker

Dr Dima Maneuski

16:50–17:10

Irradiation and beam tests qualification for ATLAS IBL Pixel Modules

Speaker

Dr Jens Weingarten

17:10