



# International Workshop on Semiconductor Pixel Detectors for Particles and Imaging (PIXEL2012)

## Wednesday 5 September 2012

### Session5 (08:30 - 12:00)

-Conveners: Harris Kagan; Minglee Chu

time	[id] title	presenter
08:30	[70] Towards third generation pixel readout chips	GARCIA-SCIVERES, Maurice
09:00	[84] Frontend Electronics development for the CMS pixel detector upgrade	Dr KAESTLI, Hans-Christian
09:20	[80] VELOPix ASIC development for LHCb VELO Upgrade	Dr VAN BEUZEKOM, Martin
09:40	[73] 3D Electronics for Tracking Triggers	TRIMPL, Marcel
10:00	[9] Experience with 3D integration techniques in the framework of the ATLAS pixel upgrade for high luminosity LHC	GONELLA, Laura
10:20	Coffee break	
10:40	[13] 3D integration of Geiger-mode avalanche photodiodes for future linear colliders	Ms VILELLA-FIGUERAS, Eva
11:00	[87] Multi-Channel LuAG-APD Pixel Array with ToT Readout System	Dr SHIMAZOE, Kenji
11:20	[44] New prototypes for components of a control system for the new ATLAS pixel detector at the HL-LHC	PULLEN, Lukas
11:40	[3] Radiation-Hard High-Speed Parallel Optical Links	Prof. GAN, Kock Kiam