



Swiss Institute of
Particle Physics

an Association according to Swiss law

Centre of Advanced Studies in Particle Physics

Workshop on Mid-Term Results

rev 3 (29 July 2011)

28 / 29 July 2011

Physik-Institut, Universität Zürich-Irchel

Raum 16 G 15

Presentation of the results and achievements of the PostDocs and PhD students working for the 'Centre of Advanced Studies in Particle Physics in the LHC Era' (C15)

Thursday, 28 July 2011

14:00-14:10	Opening remarks	Ulrich Straumann
14:10-14:35	SUSY searches in di-lepton events at CMS	Frédéric Ronga
14:35-15:00	Searches for supersymmetry in hadronic final states with the CMS detector	Pascal Nef
15:00-15:25	Jet triggers studies for Supersymmetry searches in the ATLAS experiment at LHC	Marco Agustoni
15:25-15:50	Performance of the LHCb Silicon Tracker	Marc Tobin
15:50-16:15	Y Alignment of the LHCb Tracker	Frédéric Dupertuis
16:15-16:40	Diffraction at CMS	Ann-Karin Sanchez
16:40 -17:15	<i>Coffee break</i>	
17:15-17:45	X-ray Phase Contrast Imaging by Grating Interferometry	Vincent Revol

Friday 29 July 2011

09:00-09:25	Contribution to the ATLAS experiment, CERN and the Unige	Marc Goulette
09:25-09:50	Study of TX-VCSEL failures in the SCT subdetector at ATLAS	Kilian Rosbach
09:50-10:15	Towards two-loop corrections for vector boson pair production	Lorenzo Tancredi
10:15-10:45	<i>Coffee break</i>	
10:45-11:10	Strangeness production studies at LHCb	Raluca Muresan
11:10-11:35	Electron performance and inclusive electron cross-section measurements with the ATLAS detector	Gabriella Pasztor
11:35-12:00	Jet Triggering at ATLAS	Lucian Ancu
12:00-12:10	Concluding remarks	Ulrich Straumann