



# CHIPP PhD Winter School 2015

## Thursday, January 22, 2015

### Student presentations: Session 1 (11:30 AM - 12:30 PM)

time	[id] title	presenter
11:30 AM	[13] The XENON1T TPC	BARROW, Peter Richard
11:42 AM	[14] LHCb experiment: ST calibration and performance	BATTISTA, Vincenzo
11:54 AM	[16] How to look into darkness with XENON1T	BÜTIKOFER, Lukas
12:06 PM	[17] Fast simulation in ATLAS for upgrade studies	CALACE, Noemi
12:18 PM	[18] Sterile Neutrinos at Future Colliders	Mr CAZZATO, Eros

# Friday, January 23, 2015

## Student presentations: Session 2 (8:55 AM - 11:00 AM)

time	[id] title	presenter
9:00 AM	[19] False vacuum energy dominated inflation with large $r$ and the importance of $\kappa_s$	Mr CEFALA, Francesco
9:12 AM	[20] IceCube time dependent point source searches	CHRISTOV, Asen
9:24 AM	[21] SAFIR: towards a high-rate capable PET insert	FISCHER, Jannis
9:36 AM	[22] Simulation studies and detector characterization for the LHCb SciFi Tracker	GIANI, Sebastiana
9:48 AM	[23] Search for Hidden Particles	GRAVERINI, Elena
10:00 AM	[24] Study of $B \rightarrow \pi\pi\mu\mu$ decays at LHCb	KOMAROV, Ilya
10:12 AM	[25] Search for long-living scalar particle at LHCb	MAURI, Andrea
10:24 AM	[26] Nuclear pairing from realistic forces	Mr MAURIZIO, Stefano
10:36 AM	[27] Top Tagging and Matrix Element Method for $t\bar{t}/t\bar{t} + \text{Jets}$ separation at 13 TeV	MEINHARD, Maren Tabea
10:48 AM	[29] ATLAS pixels Rx Plugins	MULLIER, Geoffrey

## Student presentations: Session 3 (11:30 AM - 12:30 PM)

time	[id] title	presenter
11:30 AM	[30] Polarization amplitudes and CP asymmetries in $B^0 \rightarrow \Phi K^*(892)$ at LHCb	NGUYEN, Anh Duc
11:42 AM	[31] Photon polarisation in $b \rightarrow s$ gamma transition at LHCb	XU, Zhirui