



# GPU Computing in High Energy Physics

## Thursday, September 11, 2014

### GPU in High Level Trigger (3/3) (4:30 PM - 7:00 PM)

-Conveners: Andrea Messina

time	[id] title	presenter
4:30 PM	[28] Manycore feasibility studies at the LHCb trigger	Mr CAMPORA PEREZ, Daniel Hugo
5:00 PM	[29] Track pattern-recognition on GPGPUs in the LHCb experiment	GALLORINI, Stefano
5:30 PM	[32] A GPU-based track reconstruction in the core of high pT jets in CMS	Mr PANTALEO, Felice
6:00 PM	[36] An evaluation of the potential of GPUs to accelerate tracking algorithms for the ATLAS trigger	Dr OLIVEIRA DAMAZIO, Denis Mr HOWARD, Jacob
6:30 PM	[40] Use of hardware accelerators for ATLAS computing	Mr DANKEL, Maik Dr KAMA, Sami