



# GPU Computing in High Energy Physics

## giovedì 11 settembre 2014

### GPU in High Level Trigger (3/3) (16:30 - 19:00)

-Coordinatori: Andrea Messina

time	[id] title	presenter
16:30	[28] Manycore feasibility studies at the LHCb trigger	Sig. CAMPORA PEREZ, Daniel Hugo
17:00	[29] Track pattern-recognition on GPGPUs in the LHCb experiment	GALLORINI, Stefano
17:30	[32] A GPU-based track reconstruction in the core of high pT jets in CMS	Sig. PANTALEO, Felice
18:00	[36] An evaluation of the potential of GPUs to accelerate tracking algorithms for the ATLAS trigger	Dr. OLIVEIRA DAMAZIO, Denis Sig. HOWARD, Jacob
18:30	[40] Use of hardware accelerators for ATLAS computing	Sig. DANKEL, Maik Dr. KAMA, Sami