

UL HPC SCHOOL - June 2015 - PROGRAM

THURSDAY, JUNE 25th, 2015			
MAIN TRACK (BS 3.03 Auditorum)		TRACK 1 (BS 1.04)	TRACK 2 (BS 3.04)
9h	Opening		
9h15	Keynote 1: High Performance Computing at UL and abroad		
10h	Keynote 2: UL HPC in Practice: why, what, how, where to look		
10h30	COFEE BREAK		
10h45	Keynote 3 / PS 1A: Complementary yet key IT Survival Guide: Git, Vagrant	PS 1B: Getting Started (SSH, copy, OAR, modules, monitoring)	
12h30	LUNCH		
13h45	Keynote 4: XCS Portal		
14h	PS 2A: HPC workflow with sequential jobs (test cases on GROMACS, Python and Java)	PS 2B: MATLAB 1 (interactive, passive, sequential, XCS)	PS 2C (CANCELLED*): Virtualization on Grid'5000 platform (KVM, Xen)
15h45	COFEE BREAK		
16h	PS 3A: HPC workflow with Parallel/Distributed jobs: application on MPI application (test cases on OSU/HPL)	PS 3B: MATLAB 2 (checkpointing, parallel)	PS 3C: R - Statistical Computing
17h30			

FRIDAY, JUNE 26th, 2015			
MAIN TRACK (BS 3.03 Auditorum)		TRACK 1 (BCE 0.12)	TRACK 2 (BCE 0.08)
9h	Opening		
9h15	Keynote 5: Users Session		
9h30			
10h30	COFEE BREAK		
10h45	PS 4A: RESIF, EasyBuild and software management		
12h30	LUNCH		
13h45	Keynote 6: Data Management		
14h15	PS 5A: Bio-informatic workflow using the Galaxy Portal	PS 5B: Running Parallel software: application on MD / CFD / Chemistry Software (NAMD, ASE, Abinit, Quantum Espresso)	PS 5C (CANCELLED*): GPGPU and shared memory programming (CUDA, OpenMP and Intel TBB)
15h45	COFEE BREAK		
16h	PS 6A: Running Bio-Informatic Software: Test cases on Abyss, Gromacs, Bowtie2/TopHat, mpiBIAS	PS 6B (CANCELLED*): Graphical Sessions and Visualization: Paraview and Rstudio under XCS	PS 6C: Advanced workflow on parametric jobs management (best-effort, containers, checkpointing etc.)
17h30			

* Some sessions were cancelled due to a low number of registered participants