SC-Camp 2017 Program

	Monday 23/10/2017	Tuesday 24/10/2017	Wednesday 25/10/2017	Thursday 26/10/2017	Friday 27/10/2017
9:15 - 10:15	Registration	Keynote: HPC and new Trends in Europe and Abroad	Keynote: Connected Factory	Keynote: Automatic Generation of Parallel Programs	Big Data Essentials
	Welcome and Local Presentation				
10:15 - 11:15	Introduction to HPC	Know Your Bugs: Efficient Debugging	Introduction to Distributed Memory Models	Using CUDA to Improve Performance on Scientific App.	Practical Session Big Data
11:15 - 12:15		Practical session Debugging	Distributed Computing Through MPI	XeonPhi to Increase Speed of Parallel Code	
12:15 - 13:15	Practical Introduction to HPC		Introduction to Shared Memory Models		Contest Intro
13:15 - 14:15	Lunch	Lunch	Lunch	Lunch	Lunch
14:15 - 15:15	Resource Manager & Batch Scheduler	Introduction to R and Data Analysis	Introduction to Shared Memory Models	Practical Session CUDA	Contest
15:15 - 16:15	Getting Started on the HPC cluster	Practical Session Analyse Parallel Applications Performance with R	Practical Session MPI+OpenMP		
16:15 - 17:15					
17:15 - 18:15					Contest Results and Student Awards
Evening		City Tour		SC-Camp Dinner	