

27th Summer School on Parallel Computing

Roma, 9-20 July 2018

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00 10.50	Introduction to HPC (AE)	CINECA HPC Programming Environment (AG)	MPI Parallel Programming (CT+MI)	Code development with git (SB)	Code Optimization (VR)
Coffee Break					
11.10 13.00	Introduction to HPC (AE)	MPI Parallel Programming (CT+MI)	Hands-on	Hands-on	Hands-on
Lunch					
14.00 15.50	Software Engineering for HPC (CINI)	MPI Parallel Programming (CT MI)	MPI Parallel Programming (CT+MI)	Code Optimization (VR)	Vectorisation Techniques (VR)
Coffee Break					
16.10 17.00	Software Engineering for HPC (CINI)	Hands-on	Hands-on	Hands-on	Hands-on

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00 10.50	OpenMP Programming (NB)	Hybrid Programming: MPI+OpenMP (PL)	GPU Programming (SO)	GPU Programming (SO)	Debugging strategy and tools (VR)
Coffee Break					
11.10 13.00	Hands-on	Hands-on	Hands-on	Hands-on	Debugging strategy and tools (VR)
Lunch					
14.00 15.50	OpenMP Programming (NB)	Hybrid Programming: MPI+OpenMP (PL)	GPU Programming (SO)	Profiling and performance tuning (PL)	Hands-on
Coffee Break					
16.10 17.00	Hands-on	Hands-on	Hands-on	Hands-on	FREE

AE=Andy Emerson, CT=Claudia Truini, MI=Mariella Ippolito, VR=Vittorio Ruggiero, AG=Alessandro Grottesi, PL=Piero Lanucara, SO=Sergio Orlandini, SB=Simone Bna, NB=CINI= Consorzio CINI (Consorzio Interuniversitario Nazionale per l'Informatica)