15th Advanced School on Parallel Computing

11-15 February 2019

CINECA - Casalecchio di Reno (Bologna)

	Monday	Tuesday	Wednesday	Thursday	Friday
9.10 - 10.50	Introduction to massively parallel architectures [Cavazzoni/Emerson - Cineca]	Introduction to GPU Programming [Bonfa' - CINECA]	Arm architecture and Ecosystem [E4 + Arm]	Looking forward - SVE Hands on Arm: Part 2a [Arm]	Python for HPC [Spallanzani - Cineca]
break					
11.10 - 13.00	SE for HPC (continuous integration, versioning, etc) [Ciancarini - CINI]	Accelerated programming models: CUDA + Hands on [Bonfa' - CINECA]	Compilers and Tools + Optimisation and Performance [Arm]	Hands on Arm: Part 2b [Arm]	Python for HPC [Spallanzani - Cineca]
lunch					
14.30 - 16.10	Cineca HPC systems Introduction + Hands-on [Marani - Cineca]	Accelerated programming models: OpenACC + Hands on [Bonfa' - CINECA]	Hands on Arm: Getting started [Arm]	Hands on Arm: Part 3 Wrap up [Arm]	Hands on: Python for HPC [Spallanzani - Cineca]
break					
16.30 - 18.00	Cineca HPC systems Introduction + Hands-on [Marani - Cineca]	Accelerated programming models: CUDAFortran + Hands on [Bonfa' - CINECA]	Hands on Arm: Part 1 [Arm]	free	free

NB: programme is subject to minimal change.