



10th Advanced School on PARALLEL COMPUTING

10 - 14 February, 2014 - BOLOGNA

AGENDA

	Monday	Tuesday	Wednesday	Thursday	Friday
9.10 - 10.50	<i>Introduction to massively parallel architectures and hybrid programming</i> (Emerson)	<i>Energy efficiency and roadmap to exascale</i> (Cavazzoni)	<i>Introduction to energy efficiency HPC</i> (UNIBO)	Software engineering (CINI)	<i>Approaches to acceleration</i> (Fabio Affinito)
	Coffee Break				
11.10 - 13.00	<i>Introduction to Shared Memory and Message Passing Paradigm</i> (Affinito)	<i>OpenCl</i> (Lanucara)	<i>OpenACC</i> (Salvadore)	Software engineering (CINI)	<i>Energy benchmarks</i> (Emerson/Cavazzoni)
	Lunch				
14.30 - 16.10	<i>EURORA programming env.</i> (Cestari)	<i>OpenCl Hands-on</i> (Lanucara)	<i>OpenAcc Hands-on</i> (Salvadore)	Software engineering (CINI)	<i>Use cases</i>
	Coffee Break				
16.30 - 18.20	<i>EURORA hands-on</i> (Marani)	<i>OpenCl Hands-on</i> (Marani/Affinito)	<i>MPI+OpenMP hands-on</i> (Cavazzoni/Affinito)	Software engineering (CINI)	<i>Free</i>