

SC-Camp 2023 Program

Day	Sunday 14/05/2023	Monday 15/05/2023	Tuesday 16/05/2023	Wednesday 17/05/2023	Thursday 18/05/2023	Friday 19/05/2023	Saturday 20/05/2023	
Topic	Introduction to HPC Ecosystems	HPC Platforms and Environments	Parallel Programming Models	Parallel Programming Patterns	Advanced Patterns in Scientific Computing	Towards Advanced Scientific Computing	SC-Camp Conclusion	
9:00 - 10:00		Keynote I	Keynote II	Keynote III	Adv. Computing Architectures: HPC + AI + QC	Keynote IV	Collaborative Project Results	
10:00 - 10:30		Coffee Break						Closing of SC-Camp & Presentation of SC-Camp 2024
10:30 - 12:30		HPC Platforms Interaction	Introduction to OpenMP and MPI	Introduction to GPU Computing	Quantum Computing Simulation	HPC for the Simulation of Particles		
12:30 - 14:00		Lunch Break						
14:00 - 15:00		Welcome	HPC Platforms Interaction Hands-on	Parallel Programming Hands-on	GPU Computing and Deep Learning Hands-on	Cultural Activity	Collaborative Project Introduction	
15:00 - 16:00							Collaborative Project Development	
16:00 - 17:00								Introduction to HPC
17:00 - 18:00			Day 1 Q&A	Day 2 Q&A	Day 3 Q&A			