ACM Summer School - HPC Architectures for AI and Dedicated Applications

	Wednesday 17th	Thursday 18th	Friday 19th	Saturday 20th	Sunday 21st	Monday 22nd	Tuesday 23rd	Wednesday 24th	
8:00		Breakfast @ Vertex	Breakfast @ Vertex	Breakfast @ Vertex		Breakfast @ Vertex	Breakfast @ Vertex	Breakfast @ Vertex	8:00
8:30									8:30
9:00		Energy efficient approach in ML architecture (Uri Weiser)	Cache and Memory Compression Techniques (Per Stenstrom)	Machine Learning Accelerators - From Cloud to Edge (Luca Benini & Francesco Conti)	Breakfast @ Vertex	Practical Approaches to Data Analytics in High Performance Computing (Michela Taufer)	The convergence between supercomputers and IoT Nodes: design concepts and their application (Mauro Olivieri)	Scheduling Policies and Performance Models for Disaggregated Architectures (David Carrera)	9:00
9:30									9:30
10:00									10:00
10:30									10:30
11:00									11:00
11:30									11:30
12:00									12:00
12:30									12:30
13:00		Lunch @ Sala Ágora	Lunch @ Sala Ágora	Lunch @ Sala Ágora		Lunch @ Sala Ágora	Lunch @ Sala Ágora	Lunch @ Sala Ágora	13:00
13:30									13:30
14:00	EPI Tutorial								14:00
14:30		Energy efficient approach in ML architecture (Uri Weiser)	Cache and Memory Compression Techniques (Per Stenstrom)	Machine Learning Accelerators - From Cloud to Edge (Luca Benini & Francesco Conti)		Hybrid task based programming in the HPC domain (Jesús Labarta)	The convergence between supercomputers and IoT Nodes: design concepts and their application (Mauro Olivieri)	Scheduling Policies and Performance Models for Disaggregated Architectures (David Carrera)	14:30
15:00									15:00
15:30									15:30
16:00									16:00
16:30								Special session on Inter-disciplinary Research & Diversity: Challenges and Foundations of HPC Success	16:30
17:00							Session on EU Programmes by Francesca Ancara		17:00
17:30	Registration			ACM Being-Human with Algorithms initiative by Gerhard Schimpf				Industry Presentations	17:30
18:00									18:00
18:30	Welcome by Josep Fernandez & Mateo Valero and Introduction by Eduard Ayguadé & Fabrizio Gagliardi			Turing lecture by Silvio Micali				Closing of the school and awards	18:30
19:00	Computer Architecture: Past, Present and Future by Mateo Valero								19:00
19:30	Group picture			Reception					19:30
20:00	Welcome cocktail	Dinner @ Vertex	Dinner @ Vertex	Dinner @ Vertex	Group Dinner @ Negro / Rojo	Dinner @ Vertex	Dinner @ Vertex	Farewell dinner	20:00
20:30									20:30
21:00									21:00