

HA workshop: Future Generation of Heterogeneous Computing

20 January, 15:00 – 18:30 (CET, online, Zoom)

Time slot	Title	Speaker
15:00 – 15:10	Opening, HA status and workshop programme	Karim Djemame (U. Leeds)
15:10 – 15:30	Wireless Plasticity for Massive Heterogeneous Computer Architectures	Sergi Abadal, Universitat Politècnica de Catalunya (UPC)
15:30 – 15:50	Meta-orchestrating applications running in heterogeneous infrastructures through low-level orchestrators	Javi Nieto (Atos)
15:50 – 16:10	Orchestrating deployments, monitoring and adapting applications on heterogeneous infrastructures	Lucas Pelegrín & Jorge Fernandez (Atos)
16:10 – 16:30	Hardware and Software Co-Design Aspects in Social Science Simulations	Marcin Lawenda (PSNC)
16:30 – 16:50	BREAK	
16:50 – 17:10	Modelling applications for heterogeneous environments	Jesús Gorroñoigoitia (Atos)
17:10 – 17:30	From applications design to orchestrated execution in heterogeneous environments	Joao Costa (XLAB and Paul Mundt (ADAPTANT)
17:30 – 17:50	Energy-Aware Self-Adaptation for Application Execution on Heterogeneous Parallel Architectures	Karim Djemame (U. Leeds)
17:50 – 18:20	Open discussion. Future roadmap of HA	All
18:20 – 18:30	Wrap up and closing	Karim Djemame (U. Leeds)