Conference Program at a Glance

WEDNSDAY (20/09)		
CONFERENCE DAY 1		
TIME	ACTIVITY	Place
7:30 - 17:00	REGISTRATION	Registration desk
8:00 - 8:30	WELCOME	Kalamary Conference Room
8:30-9:30	Keynote 1 - Scientific Workflow Management, is Artificial Intelligence the Answer? By Ewa Deelman	
09:30-9:50	Industrial Talk - DELL & AMD	
9:50-10:30	COFFEE BREAK AND EXPO	Exhibtion Hall
10:30-11:10	Special Talk - Fabrizio Gagliardi (Barcelona Supercomputing Center, Spain)	Kalamary Conference Room
11:10-11:30	Industrial Talk - EVIDEN-DNN	
11:30-13:00	EuroHPCLatam Panel: Policy and Global Actions Moderated by S. Jaliffe (SCALAC / Mexico Connect)	
13:00-14:00	LUNCH TIME	Exhibition Hall
14:00-14:05	Industrial Presentation - VERSATUS	Kalamary Conference Room
14:05-14:50	HPC + AI Talk: "When HPC met AI: An Unlikely yet Inevitable alliance" by Dario Garcia Gasulla (Barcelona Super Computing, Spain)	
14:50-14:55	Industrial Presentation - SuperMicro	
14:55-15:40	HPC +AI Track	
15:00-15:20	Provenance-based Dynamic Fine-Tuning of Cross-Silo Federated Learning by Lopes, L. Nunes, Boeres, Drummond, de Oliveira	
15:20-15:40	High-Performance Computing in Affect-Driven Adaptation: Towards Real-Time Reinforced Empathy by Gonzalez-Sanchez, Chavez-Echeagaray	
15:40:-15:45	Industrial Presentation - AMD	
15:45-16:25	COFFEE BREAK AND EXPO	Exhibition Hall
16:25-17:05	HPC + AI Talk: "Accelerating Autonomous Discovery in Chemistry and Materials with High Performance Computing " by Álvaro Vázquez-Mayagoitia (Argonne National Laboratory, USA)	Kalamary Conference Room
17:05-17:10	Industrial Talk Huawei	
17:10-18:00	Birds of Feathers: Americas HPC collaboration: LatAm Version	
18:00-20:00	POSTER SESSION - OPENING	Exhibition Hall
18:00-20:00	RISC-2 RECEPTION	Ghl Corales de Indias Hotel

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	THURSDAY (21/09)	
	CONFERENCE DAY 2	
TIME	**ACTIVITY**	**Place**
7:30 - 17:00	REGISTRATION	Registration Desk
8:10-9:10	Keynote 2 - Natural Language Processing Success Stories and High-Performance Computing by Liliana Barbosa Santillan	Kalamary Conference Room
9:10-9:30	LENOVO – NVIDIA: Reducing Energy Consumption in HPC Data Center with Lenovo	
9:30-9:50	Industrial Talk: SIE	
9:50-10:30	COFFEE BREAK, POSTERS AND EXPO	Exhibition Hall
10:30-11:10	Special Talk 2 - Digital Autonomy and Sovereign Compute Infrastructure powered by RISC-V by Balaji Baktha	Kalamary Conference Room
11:10-11:30	Industrial Talk: HPE + SONDA	
11:30-13:00	Education HPC Panel Moderated by Mónica Maria Lopez (Directora General en VINNOVA)	
13:00-14:00	LUNCH TIME	Exhibition Hall
14:00-14:05	RedCLARA - Video Presentation	Kalamary Conference Room
14:05-14:50	HPC Talk: The OpenMP Cluster Programming Model by Guido Araujo	
14:50-14:55	Universidad de Cartagena - Video Presentation	
	HPC Track	
14:55-15:15	Towards Fault Tolerance and Resilience in the Sequential Codelet Model by Roa Perdomo, Herrera Guaitero, Fox, Yviquel, Raskar, Li, Monsalve Diaz	
15:15-15:35	Enhancing the sparse matrix storage using reordering techniques by Freire, Marichal, Gonzaga de Oliveira, Dufrechou, Ezzatti	
15:35-15:55	Acceleration of high dimensional quantum simulator QuantumSkynet by Zuluaga-Bucheli, Jaramillo-Villegas, Giraldo Carvajal	
15:55-16:25	COFFEE BREAK, POSTERS AND EXPO	Exhibition Hall
16:25-16:45	Enhancing a GPU-based wave propagation application through loop tiling and loop fission optimizations by Pinheiro, Nogueira, Speglich, Silva	Kalamary Conference Room
16:45-17:05	Multi-objective analysis of power consumption and quality of service in datacenters for effective demand response by Muraña, Nesmachnow	
17:05-17:10	RISC2 Video Presentation	
17:10-17:55	HPC Applications Talk High performance computing applications as applied to infectious diseases in the CIPHER center at the University of North Carolina at Charlotte. By Daniel Janies	
	HPC + Applications Track I	
17:55-18:15	The Impact of CUDA Execution Configuration Parameters on the Performance and Energy of a Seismic Application by Schussler, Rigon, Lorenzon, Carissimi, Navaux	
18:15-18:30	Improvement of the Simulation of The Degradation of Reinforced Concrete in Saltwater Environments Using Directives by Barrios H., Peña Ballesteros, Mejia	
19:00-19-45	Mateo Valero's Award Ceremony	Ghl Corales de Indias Hotel
19:45-21:00	GALA RECEPTION CARLA 2023	

Conference Program at a Glance

FRIDAY (22/09)		
CONFERENCE DAY 3		
TIME	ACTIVITY	Place
8:10-9:10	Keynote 3-Navigating Challenges and Opportunities of AI-driven High Throughput Computing by Trilce Estrada	Kalamary Conference Room
	HPC + Applications Track II	
9:10-9:30	High-Performance Computing for Astrophysical Simulations and Astroparticle Observations by Sarmiento Cano, Martínez Méndez, Dominguez, Núñez, Becerra Bayona	
09:30:-9:50	A GPU Numerical Implementation of a 2D Simplified Wildfire Spreading Model by San Martin, Torres	
9:50-10:30	COFFEE BREAK, POSTERS AND EXPO	Exhibition Hall
10:30-11:30	Best Papers Track	Kalamary Conference Room
10:30-10:50	Evaluation of Alternatives to Accelerate Scientific Numerical Calculations on Graphics Processing Units using Python by Villalobos et al.	
10:50-11:10	What does a Nation-Wide Digital Nervous System use of an Operating System? By Erdödy, Yule, O'Keefe	
11:10-11:30	Towards a Multi-GPU Implementation of a Seismic Application by Rigon, Schussler, Padoin, Lorenzon, Carissimi, Navaux	
11:30-13:00	Industry Panel Moderated by N. Erdödy (Open Parallel)	GHL Corales de Indias Hotel
13:00-14:30	Awards - CARLA2024 Presentation	

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* Subject to change without notice
23/09/21 at 16:00 hrs.

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