



**Free Online Access has been
provided for the Conference
Proceedings from 26th December
to 26th January 2023**

**The Latin America High
Performance Computing
Conference comes to Brazil**

CARLA is an international conference that provides a forum to foster the growth and strength of the High Performance Computing (HPC) community in Latin America through the exchange and dissemination of new ideas, techniques, and research in HPC and its applications areas. It started in 2014.

CARLA has become the flagship conference for HPC in the region. We invite the international community to share its advances on both HPC and HPC&AI (convergence between HPC and Artificial Intelligence) as those two key areas are becoming the predominant engine for innovation and development.

In 2022, the Latin America High Performance Computing Conference (CARLA 2022) will be in Porto Alegre, Brazil, from September 26-30, 2022. We expect contributions from faculty members, researchers, specialists, and graduate students around the world.

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NEWS

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Discounted Reservations for CARLA 2022
Participants

New Invited talk: J. Nelson Amaral

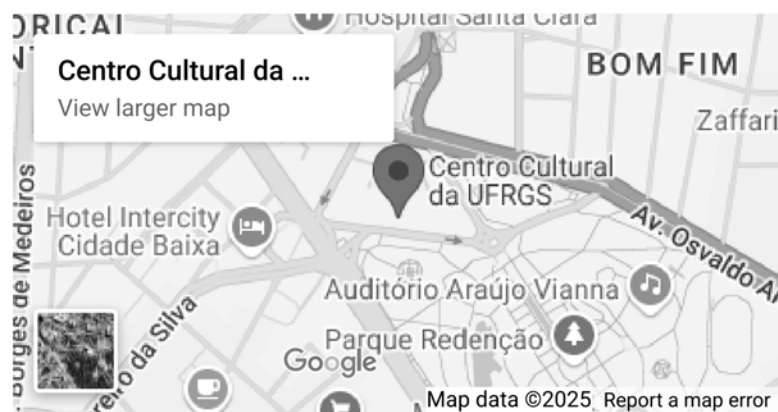
Program at a Glance

New Sponsor: Hewlett Packard Enterprise

New Keynote Speaker: Alba Cervera-Lierta

CONFERENCE LOCATION

Centro Cultural da UFRGS - R. Eng. Luiz Englert, 333 -
Farroupilha, Porto Alegre





Michela Taufer

Studying Degree And Sources Of Non-Determinism In Mpi Applications Via Graph Kernels



Daniel S. Katz

Sustaining research software: Why and How



Alba Cervera-Lierta

The Noisy Intermediate-Scale Quantum Computing era

Invited Talks



Luigi Carro

Performance harvesting in the post Moore era



Pablo Mininni

Multi-level parallelization of computational fluid dynamics codes using CUDA, MPI and OpenMP



J. Nelson Amaral

To a Compiler-Only Code Generation Path for Matrix Multiplication

Workshop Invited



Luis Lamb



Dr. Horacio Gonzalez-Velez

Sponsors

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Organization



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Fundada en 1827





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