

High Performance Computing First Hpclatam Cclar Latin American Joint Conference Carla 2014 Valparaiso Chile October 20 22 2014 Proceedings Communications In Computer And Information Science

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High Performance Computing First Hpclatam

High Performance Computing: First HPCLATAM - CLCAR Latin American Joint Conference, CARLA 2014, Valparaiso, Chile, October 20-22, 2014. Proceedings (Communications In Computer and Information Science) 2014th Edition

High Performance Computing: First HPCLATAM - CLCAR Latin ...

This book constitutes the refereed proceedings of the First HPCLATAM - CLCAR Joint Latin American High Performance Computing Conference, CARLA 2014, held in Valparaiso, Chile, in October 2014. The 17 revised full papers and the one paper presented were carefully reviewed and selected from 42 submissions.

High Performance Computing - First HPCLATAM - CLCAR Latin ...

HPCLatAm aims to bring together researchers, developers, and users of HPC to discuss new ideas, experiences, and problems. The main goal of HPCLatAm is to provide a regional forum fostering the growth of the HPC community in Latin America through the exchange and dissemination of new ideas, techniques, and research in HPC.

HPCLatAm

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High Performance Computing | SpringerLink

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High performance computing : First HPCLATAM-CLCAR Latin ...

HPCLatAm: Towards the integration of the research communities on High Performance Computing in the Latinamerican Southern Cone Esteban Mocskos Universidad de Buenos Aires, Argentina emocskos@dc.uba.ar

HPCLatAm: Towards the integration of the research ...

HPCLatAm: Towards the integration of the research communities on High Performance Computing in the Latinamerican Southern Cone Conference Paper (PDF Available) · August 2013 with 118 Reads

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Physics, where High Performance Computing (HPC) plays indeed a key role. 1 Medical Image Processing This field comprises a wide range of computing tasks, such as image recon-struction, processing and analysis, generally aimed at enhancing diagnostic efficiency and assisting on therapy planning. In this section we describe two typical lines of re-

High Performance Computing in Medical Physics - HPCLatAm

The use and development of High-Performance Computing (HPC) in Latin America is steadily growing. New challenges come from the new capabilities provided by clusters, grids, and distributed systems for HPC, promoting research and innovation in this area.

HPCLatAm - High-Performance Computing Symposium 2009 ...

High Performance Computing Camp - Escuela de Computación de Alto Rendimiento 18 to 29 September 2017, Buenos Aires, Argentina. ... The course evaluation will have two parts. First, small exercises will be carried out in friendly Matlab-like environments. ... Contact: ecar2017 at hpcclatam.org

HPC Camp / ECAR 2017 - Program - ecar2017.hpcclatam.org

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CARLA 2014 First HPCLATAM - CLCAR Joint Conference Latin American High Performance Computing Conference Universidad Técnica Federico Santa María

CARLA 2014

Building on the great success of the previous five editions, this year the Latin American Symposium on High Performance Computing will include three major events: the Second High Performance Computing School-ECAR 2013 (Mendoza, from July 22 to July 30), the VI HPCLatAm2013 International Symposium itself (Mendoza, July 29-30), and the HPC Day ...

HPCLatAm 2013

Building on the success of the previous editions of the HPCLATAM and the CLCAR Conferences, in 2014 both major HPC Latin-American workshops will joint in CARLA 2014, to be held in Valparaiso Chile. This conference also includes the Third High Performance Computing School-ECAR 2014 (from 13-17 October, 2014).

Call for Papers for CARLA 2014 Conference - First HPCLATAM ...

The HPCLatAm2012 International Symposium provided a regional forum fostering the growth of the HPC community in Latin America through the exchange and dissemination of new ideas, techniques, and research in High Performance Computing.

HPCLatAm 2012

ABSTRACT: Energy consumption has become one of the greatest challenges in the field of High Performance Computing (HPC). Besides its impact on the environment, energy is a limiting factor for the HPC. Keeping the power consumption of a system below a threshold is one of the great problems; and power prediction can help to solve it.

HPCLatAm 2012

HPC Infrastructure and Datacenters: High-performance computing (HPC) is the use of parallel processing for running advanced application programs efficiently, reliably and quickly. Data storage systems, monitoring tools, good techniques in management, technology trends and power efficiency.

CARLA 2018 - LATIN AMERICA HIGH PERFORMANCE COMPUTING ...

Also known as parallel computing and supercomputing, high-performance computing (HPC) aggregates data processing power to deliver efficient, reliable, and rapid results. In other words, high-performance computing takes problem-solving to the next level. For example, a standard 3 GHz processor is capable of performing 3 billion calculations per second, while a high-performance computer can perform quadrillions of calculations per second.

The Future of High-Performance Computing | HP® Tech Takes

The University of Hawai'i has been awarded a four-year contract valued at up to \$75 million by the U.S. Air Force Research Laboratory to operate the Maui High Performance Computing Center (MHPCC) via the Applied Research Laboratory at the University of Hawai'i (ARL at UH). The contract calls for UH to provide essential engineering, research and development capabilities in emerging computer technology and is intended to lower barriers to a modern High Performance Computing ecosystem and ...

UH awarded Maui High Performance Computing ... - hawaii.edu

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