Call for Papers CARLA 2016:
Latin American HPC Conference
http://www.ccarla.org/
August 29 - September 2, 2016
ABACUS-CINVESTAV
Mexico City, Mexico

IMPORTANT DATES:

Paper submission deadline:	July 30, 2016
Notification of acceptance:	August 12, 2016
Camera-ready papers due:	August 29, 2016

AIMS & SCOPE

Building on the success of the previous editions of the CARLA Conference, the 2016 edition, will be organized by ABACUS: Laboratory of Applied Mathematics and High Performance Computing of the Center for Research and Advanced Studies (CINVESTAV) in Mexico City. This conference also includes the **ABACUS High Performance Computing School 2016**.

The main goal of CARLA is to provide a forum fostering the growth of the HPC community in Latin America through the exchange and dissemination of new ideas, techniques, and research in HPC. The conference will feature invited talks from academy and industry, short- and full-paper sessions presenting both mature work and new ideas in research and industrial applications. Suggested topics of interest include, but are not restricted to: Distributed Systems, Parallel Algorithms and Concurrency; GPU and MIC Computing; Mobile, Grid & Cloud Computing; Big data, Data Management & Visualizations; Scientific Computing & Computing Applications; Architecture, Infrastructure and HPC Data Center; HPC Computing Education and Outreach; Industrial Solutions.

INSTRUCTIONS FOR AUTHORS

Authors are invited to submit full and short papers written in English, according to the **Springer LNCS style**. Full papers must have 10 to 15 pages and short papers must have 4 to 6 pages. Papers must not have been previously published or submitted elsewhere. Submissions will be handled electronically using the **Easy Chair system**. All paper submissions will be carefully reviewed by at least three experts and returned to the author(s). The authors of accepted papers must guarantee that their paper will be presented at the conference. All accepted full papers will be invited to appear in the CARLA 2016 proceedings. The proceedings will be published in the series CCIS of Springer: **Communications in Computer and Information Science**. Information for the publishing process will be notified in a future communication. All accepted short papers will be published electronically in the **"Book of Ongoing Works"**.

ORGANIZED BY: ABACUS-CINVESTAV, UIS, CeNAT, USM, CUDI, ININ, UBA, UFRGS, SCALAC.

GENERAL CHAIR:

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