29th IEEE International Parallel & Distributed Processing Symposium

IPDPS 2015 India

www.ipdps.org

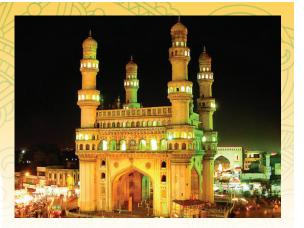25-29 May 2015 • Hyderabad, India

29th IPDPS 2015 WORKSHOPS

IPDPS Workshops, held on the first and last day of the conference, are a major part of the IPDPS week-long compendium of events which include the papers selected from October submissions for the conference. The twenty-two workshops listed below will provide the IPDPS community an opportunity to explore special topics and/or present work that is more preliminary or cutting-edge than the more mature research presented in the main symposium. Proceedings of the workshops are published by the IEEE Digital Library and distributed at the conference. Each workshop has its own requirements and schedule for submissions, and all are linked from the IPDPS Website.

Note that the submission deadline for most workshops is after the main symposium author notification date of December12, 2014.

HCW	Heterogeneity in Computing Workshop
RAW	Reconfigurable Architectures Workshop
HIPS	High-Level Parallel Programming Models & Supportive Environments
NIDISC	Nature Inspired Distributed Computing
HiCOMB	High Performance Computational Biology
APDCM	Advances in Parallel and Distributed Computing Models
HPPAC	High-Performance, Power-Aware Computing
HPBC	High Performance Big Data and Cloud Computing
ASHES	Accelerators and Hybrid Exascale Systems
PLC	Programming Models, Languages and Compilers for Manycore and Heterogeneous Architectures
EduPar	NSF/TCPP Workshop on Parallel and Distributed Computing Education
GABB	Graph Algorithms Building Blocks
PDSEC	Parallel and Distributed Scientific and Engineering Computing
DPDNS	Dependable Parallel, Distributed and Network-Centric Systems
LSPP	Large-Scale Parallel Processing
PCO	Parallel Computing and Optimization
Par Learning	Parallel and Distributed Computing for Machine Learning and Inference Problems
HPDIC	High Performance Data Intensive Computing
JSSPP	Job Scheduling Strategies for Parallel Processing
HiPeR	High-Performance Runtime
HPDAV	High Performance Data Analysis and Visualization
iWAPT	International Workshop on Automatic Performance Tuning

IEEE IPDPS 2015 IN HYDERABAD, INDIA

The Hyderabad International Convention Centre will host an event that offers the full IPDPS program of workshops, contributed papers, and keynote speakers as well as representatives from industry and opportunities for students to hear from and interact with senior researchers attending the conference. The Hyderabad airport (RGIA) has direct flights from all international hubs, and Hyderabad offers a variety of tourist attractions for attendees and their families. Visit the IPDPS Website regularly to see program updates and to get tips on travel to the premier conference in parallel and distributed computing. Go to www.ipdps.org.

General Co-Chairs
Susamma Barua
(California State University, Fullerton, USA)
R. Govindarajan
(Indian Institute of Science, Bangalore, India)

Program Chair
Srinivas Aluru
(Georgia Institute of Technology, USA)

Workshops Chair
Ümit V. Çatalyürek (Ohio State University, USA)

Workshops Vice Chair
Bora Uçar (CNRS and ENS Lyon, France)

The IPDPS PhD Forum event will continue with the traditional poster presentations by students working toward a PhD and will offer an enhanced student program to provide coaching in scientific writing and presentation skills and to give students an opportunity to hear from and interact with senior researchers and industry partners. IPDPS extends a special invitation to companies both in and outside India to consider becoming IPDPS 2015 Industry Partners, sharing in the benefits of associating with an international community of top researchers and practitioners in fields related to parallel processing and distributed computing.

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