ISPDC 2015
14th International Symposium on Parallel and Distributed Computing
29/Jun - 01/Jul 2015 | Limassol, Cyprus

Call for Papers: The 14th International Symposium on Parallel and Distributed Computing

June 29-July 1, 2015 - Limassol, Cyprus   http://www.cyprusconferences.org/ispdc2015/

Following very successful previous editions since 2002, the 14th ISPDC conference will be hosted in **Limassol**, a beautiful coastal Mediterranean city on the South coast of **Cyprus**. The conference will be devoted to a highly selective program with papers describing original and unpublished research advancing the state of the art in the field of Parallel and Distributed Computing paradigms and applications.

The goal is to provide an interactive and friendly, yet professional forum, for original research contributions describing novel ideas, ground-breaking results and/or experiences.

You are invited to submit original papers of up to 10 pages, written in English and compliant with the IEEE standard (8.5"x11", two-column). The Conference Publishing Services will publish the proceedings. To be published in the ISPDC 2015 Conference Proceedings and to be eligible for publication in IEEE Xplore®, an author of an accepted paper is required to register for the conference at the full rate and the paper must be presented by an author of that paper at the conference. A best paper award will be presented to paper(s) receiving the highest quality rating from the reviewers and the PC.

Key dates

Submission of full papers: ~~January 30~~ February 22, 2015
Notification of authors: March 15, 2015
Camera ready papers: March 31, 2015
Author registration by March 31, 2015
ISPDC 2015 Symposium: June 29-July 1, 2015

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We kindly invite you to submit original contributions to ISPDC-2015 on topics including, but not limited to:

System Architectures for Parallel and Distributed Computing

- Multi-Cores, Virtualization
- Clusters and Grid Computing
- Methods and Tools for Parallel and Distributed Programming
- Embedded, Mobile and Networking Environments
- System Architecture and System Software for In-Memory Computing
- Innovative System Architecture for Big Data Processing
- System Architecture for Graph Computing/Processing
- Interconnect Architecture for HPC and Data Centers

High Performance Computing and Large Scale Applications

- Tools and Environments for Parallel Program Design/Analysis
- Scalable Algorithms and Applications
- Urban Networks and Applications, Vehicular Networks
- Parallel, Distributed and Mobile big-Data Management

Parallel Computing and Algorithms

- Parallel Programming Paradigms and APIs
- GPU Programming
- Bio-inspired Parallel Algorithms
- Big Data and Graph Analytics
- Algorithms, Models and Formal Verification

Interactivity

- Real-time Distributed and Parallel Systems
- Visualisation of Massively Parallel Data
- IoT, Social Networks

Cloud Computing

- Cloud Resource Provisioning and Allocation
- Pricing of Cloud Resources
- Cloud Performance, and Capacity Management
- Green Cloud Computing
- Mobile Clouds
- Security and Privacy in Clouds
- Cloud Computing Techniques for Big Data
- Storage Architectures for Clouds and Big Data Processing

Distributed and Embedded Computing

- Collaborative Computing, P2P Computing
- Mobile and Ubiquitous Computing
- Web Services and Internet Computing
- Distributed Software Components, Multi-agent Systems
- Parallel Embedded Systems Programming
- Highly Embedded Parallel Systems Support for Programming
- FPGA and SoC Solutions

Performance Modeling, Management and Optimization

- Scheduling and Load Balancing
- Performance Modeling, Analysis and Evaluation
- Optimisation, Security and Dependability

Use a QR Code scanner to visit the ISPDC 2015 website for updated information

For any enquiries please contact Prof. George Papadopoulos