Call for PAPER
PDGC 2014-The ThirdInternational Conference on Parallel, Distributed and Grid Computing

December 11-13, 2014
Jaypee University of Information Technology (http://www.juit.ac.in/),
P.O. Waknaghat, Tehsil Kandaghat, Solan-173234, Himachal Pradesh, INDIA
http://www.juit.ac.in/pdgc-2014/index1.php

The Third International Conference on Parallel, Distributed and Grid Computing (PDGC-2014) will be organized at Jaypee University of Information Technology, Waknaghat, Solan, Himachal Pradesh, India.PDGC-2014 will serve as an international forum for researchers and practitioners interested in recent advances in the areas of parallel, distributed and grid computing. It will provide an opportunity to present and exchange advanced scientific and technological information in hardware, software and theoretical foundation in these areas.The conference is technically sponsored by IEEE Delhi SectionComputer Society Chapter and the proceedings will be published in IEEE Xplore.

Topics of interest include but are not limited to:

- **Distributed Systems:** Distributed Algorithms, Distributed Databases, Heterogeneous Distributed Systems, Distributed Shared Memory Systems, Virtual Memory, Distributed Object-oriented Systems, AI in Distributed Systems, Real Time Distributed Systems.
- **Parallel Computer Systems:** Parallel Algorithms, Algorithms Exploiting Clusters and General-Purpose Distributed and Parallel Systems, Hybrid & Embedded Parallel Systems, Memory Organization, Support for Parallel I/O, Multi/Many Core Systems, GPU and FPGA based Parallel Systems.
- **Networks and Interconnection Networks:** Scalable Networks, Reconfigurable Networks, Routing Issues, General-Purpose Network Performance for Distributed Applications, Network Protocols, Internet Technology, Optical Interconnections and Computing, Novel Network Topologies.
- **Network-based Computing:** Web Computing, Cluster Computing, Cloud Computing, Computational Grids, Data Grids, Semantic Grid, Mobile Agents, Distributed Web Services.
- **Dependable Computing and Systems:** Fault-tolerance, Self-stabilization, Performance Prediction and Analysis, Simulation, Knowledge-based Program Development.
- **Cluster and Grid Computing:** Collaboration Technologies, Communication and Networking Systems, Data Analysis and Management on Grids, Data Grids, Grid Computing Infrastructures, Middleware and Tools, Grid Computing Services, Grid Infrastructures for Data Analysis, Grid Standards as related to Applications.
- **Cloud Computing:** Actor Model, Cluster Manager, Redundant Array of Inexpensive Servers, Utility computing, Virtual Private Cloud.
- **Multimedia and Service Networking:** Multimedia Communications and Services, Real-time Networking, Performance Modeling, Networked Real-time Embedded Systems, Services on-Demand, Network Management, Multimedia Architectures and Protocols, Multimedia Applications, Quality of Service Support, Operating System and Networking Support, Internet Tools and Applications, Audio/Video Delivery over the Internet.
- **Peer-to-Peer Computing:** Performance Modeling and Evaluation, Power-aware Computing, Real-Time and Multimedia Systems, Resource Management and Scheduling.
- **Security and Privacy:** Security in Computational and Data Grids, Security in Distributed Environments, Configuration, Policy, Management Issues.
- **Petri Nets:**Theory, Analysis, Tools and Applications.
- **Software Tools and Environments for Parallel and Distributed Platforms:** Operating Systems, Compilers, Languages, Debuggers, Monitoring Tools, Software Engineering on Parallel/Distributed Systems.
- **Related Fields:** Web-based Computing and Service-Oriented Architecture, Wireless and Mobile Computing, Algorithms Design and Analysis, Artificial Intelligence, Computer Vision, Neural Networks and Fuzzy Logic, Biologically Inspired Computing, Systems Biology, Cyber-Physical Systems, Wireless Sensor Networks, Remote Sensing, Social Networks (Social Media), Human Computer Interaction, Graph Embedding, Computer Graphics and Virtual Reality, Nanotechnology in High Performance Computing.

PUBLISHER: IEEE

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Authors are invited to submit full papers in English of not more than 6 pages (including figures, tables & references) in IEEE double-column format. Submissions must present original work that has not been previously published, and is not under submission elsewhere. All articles will be reviewed for scientific quality by the Technical Program Committee and external reviewers. Submissions should use the general IEEE template with the minimum font size of 10 points. All papers must include a title, complete contact information for all authors, and keywords on the cover page. The corresponding author should be identified clearly. Papers must be submitted electronically (in PDF format) via on-line submission using the EDAS system at the following link: **https://edas.info/newPaper.php?c=16451.**If you encounter problems in submitting the papers through our EDAS conference paper submission system, forward your paper at **pdgc1.2014@gmail.com**

IMPORTANT DEADLINES

Paper Submission: September 30, 2014
Acceptance Notification: October 25, 2014
Camera Ready Manuscript: October 30, 2014
Conference Registration: October25, 2014 – November 05, 2014

REGISTRATIONFEES

Delegates	Amount
Indian Author - Non-IEEE Member	6000 INR
Indian Author - IEEE Member	5000 INR
Indian Student Author - Non-IEEE Student Member	4500 INR
Indian Student Author - IEEE Student Member	3500 INR
Listener: Indian Non-Author/Co-Author/Simple Participants (no paper)	6000 INR
Foreign Author - Non-IEEE Member	500 USD
Foreign Author - IEEE Member	450 USD
Foreign Student Author - Non-IEEE Student Member	350 USD
Foreign Student Author - IEEE Student Member	300 USD

ACCOMMODATION: Free for the Conference Participants.

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