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CALL FOR PARTICIPATION PDGC 2010, Oct 28 - 30, 2010
Jaypee University of Information Technology, Wahnaghat, Solan (HP), India

**1st International Conference
on
Parallel, Distributed and Grid Computing
(PDGC-2010) Oct 28 - 30, 2010**

<http://www.juit.ac.in/pdgc-2010/>

Jaypee University of Information Technology Wahnaghat, Solan (HP), India

Important Dates:

Conference Dates: Oct 28 – 30, 2010

Paper submission Deadline: May 31, 2010 **(Available Now !!)**

Paper Submission & Registration: <http://www.juit.ac.in/pdgc-2010/link7.php>

Registration deadline is ** September 15, 2010 **

KEYNOTE SPEAKERS:

Yale Patt, Professor of Electrical and Computer Engineering, and Ernest Cockrell, Jr.
Centennial Chair in Engineering, The University of Texas at Austin, USA

Christian Scheideler, Professor of Computer Science, Institut für Informatik, Universität
Paderborn, Germany

About Conference:

The First International Conference on Parallel, Distributed and Grid Computing (PDGC-2010) will be organized at Jaypee University of Information Technology, Wahnaghat, Solan, Himachal Pradesh, India. The conference is technically sponsored by IEEE Delhi Section Computer Society Chapter. PDGC-2010 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.

Location:

Jaypee University of Information Technology is located at Wahnaghat, Solan, Himachal Pradesh 173215, India. It is situated near Shimla (24 Km) just 3 Km off the NH22 (Delhi-Ambala-Kalka-Wahnaghat-Shimla road). Convenient airports are Shimla (30 Km), Chandigarh (100 Km), New Delhi (350 Km) and Amritsar (350 Km).

Topics of interest include (but are not restricted to):

Distributed Systems: Distributed algorithms, distributed databases, heterogeneous distributed systems, distributed shared memory systems, distributed object-oriented systems, AI in distributed systems.

Parallel Computer Systems: Parallel algorithms, interconnection networks, hybrid & embedded parallel systems, memory organization, support for parallel I/O, multi/many core systems, GPU and FPGA based parallel systems.

Network-based Computing: Web computing, cluster computing, cloud computing, computational grids, data grids, semantic grid, mobile agents, distributed web services, security in distributed systems.

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.

Multimedia and Service Networking: Multimedia communications and services; Real-time networking; Quality-of-Service; Performance modeling; Networked real-time embedded systems; Services on-demand, Network Management.

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, and management issues.

Related fields: Web-based Computing and Service-Oriented Architecture, Wireless and Mobile Computing, Algorithms design and analysis, artificial intelligence, Biologically Inspired Computing.

Paper Submission:

The paper length should not exceed six (6) pages, IEEE two (2) column format. For further details, please visit: <http://www.juit.ac.in/pdgc-2010/link7.php>

Conference Proceedings:

Please visit: <http://www.juit.ac.in/pdgc-2010/link8.php>

Deadlines:

Paper Submission:	31 May, 2010
Acceptance Notification:	31 July, 2010
Camera-Ready Manuscript:	31 August, 2010
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Publicity Co-Chairs:

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