

Call for Papers



2020 Sixth International Conference on Parallel, Distributed and Grid Computing (PDGC-2020)

November 6-8, 2020

Jaypee University of Information Technology, Wagnaghat, Shimla, Himachal Pradesh, INDIA

<http://www.juit.ac.in/pdgc-2020/index1.php>



Chief Patrons

Shri Jaiprakash Gaur, *Founder Chairman, Jaypee Group*

Shri Manoj Gaur, *Executive Chairman, Jaypee Group*

Patron

Prof. (Dr.) Vinod Kumar, *Vice Chancellor, Jaypee University of Information Technology, INDIA*

Conference General Chair

Hemraj Saini, *Associate Professor, Jaypee University of Information Technology, HP, INDIA*

Conference Chair

Hari Singh, *Assistant Professor (SG), Jaypee University of Information Technology, HP, India*

Advisory Committee

Mohammad S. Obaidat, *University of Jordan, Jordan*

Lalit Awasthi, *NIT, Jalandhar, INDIA*

Mahesh Chandra Govil, *NIT Sikkim, INDIA*

Rahul Garg, *IIT, Delhi, INDIA*

Jitendra Chhabra, *NIT, Kurukshetra, INDIA*

Dinesh Kumar Saini, *Sohar University, OMAN*

Seema Bawa, *Thapar University, Patiala, INDIA*

Oversight Committee

Prof. Mahesh Bundeale, *SMIEEE*

Dr. Arun Sharma, *SMIEEE*

Dr. Shabana Urooj, *SMIEEE*

Prof. Sudhanshu Shekhar Jamuar, *SMIEEE*

Dr. Rajnish Sharma, *SMIEEE*

Dr. Geeta Sikka, *SMIEEE*

Prof. Shyam Sunder Tyagi, *SMIEEE*

Steering Committee

Samir Dev Gupta, *Director & Academic Head, JUIT, INDIA*

Vijaya Kumar B., *BITS Pilani, Dubai Campus, Dubai, UAE*

Yunyoung Nam, *Soonchunhyang University, South KOREA*

Razi Iqbal, *American University in the Emirates, Dubai, UAE*

Sudarshan Iyengar, *IIT, Ropar, INDIA*

Debashis Sengupta, *NIIT University, Neemrana, INDIA*

Finance Chair

Maj. Gen. Rakesh Bassi (Retd.), *Jaypee University of Information Technology, INDIA*

The International Conference on Parallel, Distributed and Grid Computing (PDGC) will serve as an international forum for researchers and practitioners interested in 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.

A proposal has been submitted to publish the proceedings of PDGC 2020 by IEEE Xplore. 1st best paper, 2nd best paper and 3rd best paper award will be given.

Parallel and Distributed Algorithms & Secure Computing and related Tools	Networks, Interconnection Networks and Network based Computing, Multimedia & Service Networking	Dependable, Cluster and Grid Computing	Cloud & Big Data Computing
<ul style="list-style-type: none"> Algorithms Exploiting Clusters and General-Purpose Distributed and Parallel Systems Hybrid & Embedded Parallel Systems GPU and FPGA based Parallel Systems Heterogeneous Distributed Systems Distributed Shared Memory Systems Distributed Object-oriented Systems Security in Distributed Environments Operating Systems, Compilers, Languages, Debuggers & Monitoring Tools Software Engineering on Parallel/Distributed Systems 	<ul style="list-style-type: none"> Scalable & Reconfigurable Networks General Purpose Network Performance for Distributed Applications Internet Technology Optical Interconnections and Computing Novel Network Topologies Web, Cluster & Cloud Computing Computational, Data & Semantic Grids Distributed Web Services Multimedia Communications and Services Networked Real-time Embedded Systems Services onDemand Network Management Multimedia Architectures and Protocols Quality of Service Support Operating System and Networking Support Audio/Video Delivery over the Internet 	<ul style="list-style-type: none"> Fault-tolerance Self-stabilization Performance Prediction, Analysis and Simulation Knowledge-based Program Development 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 	<ul style="list-style-type: none"> Redundant Array of Inexpensive Servers Utility computing Virtual Private Cloud Big data & Cloud Computing Distributed and Peer to Peer search Large Scale Social Media and Recommendation Systems Web-based Computing and Service-Oriented Architecture Artificial Intelligence Neural Networks and Fuzzy Logic Biologically Inspired Computing Systems Biology Cyber-Physical Systems Wireless Sensor Networks Remote Sensing Social Networks Human Computer Interaction Graph Embedding Computer Graphics & Virtual Reality

Paper Submission

Authors are invited to electronically submit their paper using IEEE format written in English, of up to 6 pages, presenting the results of original research or innovative to practical establishments or applications relevant to the conference. All submissions are to be done electronically and submitted papers will be peer reviewed for possible inclusion in the conference proceedings. At least one of the authors of each accepted paper must register for the conference and present their paper in person at the conference. All types of submission can be made through the EDAS (pl. refer conf. webpage).

Important Dates

Full paper Submission Deadline	August 10, 2020 August 31, 2020
Acceptance Notification Deadline	September 25, 2020
Conference Registration Deadline	October 10, 2020
Camera-Ready Manuscript Deadline	October 15, 2020
Conference Dates	November 6-8, 2020