



**IEEE Conference Record No. 44302**

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## **PDGC-2018**

2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC) will be organized at Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India. PDGC-2018 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 proceedings of PDGC 2018 will appear in the proceedings published by IEEE and fully indexed by IEEE Xplore (**IEEE Conference Record No. 44302**). 1st best paper, 2nd best paper and 3rd best paper award will be given.

### **Venue**

Jaypee University of Information Technology is located at Wagnaghat, Solan, Himachal Pradesh 173234, India. It is situated near Shimla (24 Km) just 3 Km off the NH22 (Delhi-Ambala-Kalka-Wagnaghat-Shimla road). Convenient airports are Shimla (30 Km), Chandigarh (100 Km), New Delhi (350 Km) and Amritsar (350 Km).

## **SPECIAL SESSION ON “MACHINE LEARNING AND SOCIAL NETWORKS ”**

### **SESSION CHAIR**

Dr. Neha Chaudhary

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### **CO-SESSION CHAIR**

Dr. Sunita Tiwari

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## AIMS & SCOPE

Online social networks have gained tremendous popularity in past few years and it has become a major platform for sharing information. A huge population across the world is extensively making use of such networks. The pattern of social network usage is greatly influenced by the behaviour of common man and it has penetrated into many aspects of lives of people. A huge amount of data is produced and shared by the social networks which can be categorized as big data. Some of the commonly seen social networks which generates huge data are - Facebook, twitter, LinkedIn, various blogs, micro blogs, wikis etc. This data may be very useful for businesses if analysed and used properly. The analysis of structured and unstructured data from social networks leads to social network analytics. Machine learning is being extensively applied in various fields including image processing, text analytics, health monitoring, decision making, and financial predictions etc. the aim and scope of this session track includes the research in social networks using machine learning techniques. This may further lead a road to the development of useful applications in various domains such as product development/improvement, businesses, political reformation, other services etc. Original research works, insightful research and practice notes, case studies, and surveys on the said domain are invited academia, government, and industry.

**PUBLICATIONS:** All the accepted paper after the oral presentation during the conference will be submitted to IEEE Xplore. **IEEE Conference Record No. 44302**

### **PUBLICATION:**

**All the accepted and presented papers (after double blinded peer review) will be submitted to IEEE Xplore for publication.**

**Conference Indexing: SCOPUS.**

### **Important Dates:**

Submission of Full Papers Deadline	15th July, 2018
Notification of Acceptance Deadline	15th October, 2018
Submission of Accepted Camera-Ready Papers Deadline	30th October, 2018
Author's Registration Deadline	15th November, 2018
Conference Dates	20-22 December, 2018

## TOPICS OF INTEREST

Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned tracks are invited for submission in this special session:

**Tracks: (Example topics of interest include, but are not limited to)**

- Applications of graph mining in neuroscience, economics, sociology, etc.
- Discovering causal effects in networked environments
- Fraud, spam and malice detection
- Social mining, social search, and social recommendation systems
- Link prediction
- Social reputation and trust management
- Influence propagation and information diffusion
- Location-aware social network analysis and mobility
- Privacy-preserving graph algorithms
- Modelling Tie Strength
- Modelling trust and distrust, friends and foes
- Clustering of Complex Networks
- Tracking Change of Networks over Time
- Crime and social network analysis
- Statistical models for Social Network
- Social network analysis; communities identification; expertise and authority discovery
- Trust; reputation; recommendation systems

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**PAPER SUBMISSION PROCESS:**

Paper Submission Process:

**Please submit your paper (in word/pdf format) at following emails:**

Email: 'chaudhary.neha@jaipur.manipal.edu' and sunita.tiwari@gbpec with Subject Line 'Research Paper for Special Session PDGC- 2018 from your email.

You may upload the paper through easy chair on the conference website. Details are as follows;

[http://www.juit.ac.in/pdgc-2018/paper\\_submission.php](http://www.juit.ac.in/pdgc-2018/paper_submission.php)

For any further queries related to this special session, please contact the session chair at:

Email ID: [Chaudhary.neha@jaipur.manipal.edu](mailto:Chaudhary.neha@jaipur.manipal.edu)

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**Technical Program Committee (TPC):**

**List of Members from India & Abroad:**

1. Prof. Atilla Elçi, Aksaray University, Aksaray, Turkey
2. Alev Elçi, Aksaray University, Aksaray, Turkey
3. Dr. R.K. Singh - Indira Gandhi Delhi Technical University for Women, Delhi
4. Dr. O.P. Sangwan, GJUS&T, Hisar
5. Dr. Kalpana Johari, Centre for Development of Advanced Computing, Noida

6. Dr. Pradeep Tomar, Gautam Buddha University Greater Noida.
  7. Dr. Shivendra Tiwari, Here Maps, Berlin Germany.
  8. Dr. Manisha Manjul, G B Pant Engineering College, Delhi
  9. Dr. Aditi Kapoor, Kritikal Solutions, Noida
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### **Publication Policies:**

1. All registered and presented papers/review articles shall be submitted to IEEE Xplore for their possible publication in a Conference Proceedings format (online). However the right to accept and subsequent publication of each will be with IEEE Xplore that will be decided on the basis of the quality novelty of work and the originality of the text, the manuscript will represent.

2. In case, any registered paper/article is rejected by the IEEE Xplore for its publication with their conference proceeding due to any reason (mentioned at point number-01), the sole responsibility shall lie with authors of that article. As we clearly stated on the first and home pages, that IEEE Xplore will conduct quality checks on the accepted papers and only papers that pass these checks will be published.

Therefore authors are expected to avoid to use similarity text (copy and paste from other published works), should adhere to original work maintaining technical and result description qualities. Also authors will not allow to make changes in the choice of publication category (I or II) once registered and pay the fee as per category wise.

3. Paper/article length is limited upto 6 pages only. Extra pages are to be avoided, if necessary, author can place a request in advance with payment of separate fee (page-wise) as mentioned in the registration link.