



International Conference

On

Computing, Communications, and Cyber-Security (IC4S)

12th-13th October 2019

CHANDIGARH



[ Approved ]

Lecture Notes in Networks and Systems, Springer

**SPECIAL SESSION ON CLOUD AND DISTRIBUTED COMPUTING  
(SS10\_CDC)**



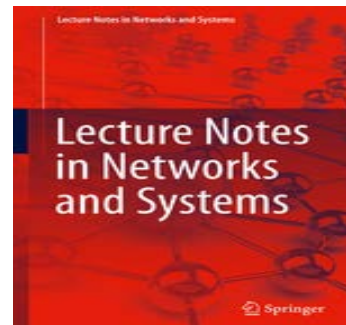
**Invitation for Research Paper in Scopus Indexed**

**12<sup>th</sup> -13<sup>th</sup> October, 2019 (Venue: CHANDIGARH)**

**Conference Website:** <http://www.ic4s.co.in/cop.php>

**IC4S-2019 Conference Proceedings (Indexed by DBLP and Scopus)**

**Publication by Springer Lecture Notes in Networks and Systems  
(Proposal Approved)**



<https://www.springer.com/series/15179>

Technical Sponsors: SETIT (Tunisia), Southern Federal University (Russia)

**Paper Submission Deadline: 30<sup>th</sup> July, 2019**

Paper submission Link: <http://www.ic4s.co.in/submission.php>

(Through Easy Chair Only)

**Conference Website:** <http://www.ic4s.co.in/submission.php>

**PUBLICATION: SELECTED PAPERS WILL BE SUBMITTED TO PUBLISHING PARTNER, SPRINGER LECTURE NOTES IN NETWORKS AND SYSTEMS SERIES FOR PUBLICATION. SPRINGER LECTURE NOTES IN NETWORKS AND SYSTEMS SERIES IS INDEXED WITH SCOPUS AND DBLP.**

## **SESSION CHAIR (S)**

1. Dr. Jaspreet Singh, Department of CSE, Chandigarh University, Mohali (Punjab), India.
2. Dr. Rohit Bajaj, Department of CSE, Chandigarh University, Mohali (Punjab), India.
3. Dr. Deepali Gupta, Chitkara University, Rajpura (Punjab), India.

## **AIMS & SCOPE**

Cloud and Distributed Computing covers a broad range of distributed computing principles from infrastructure (e.g. distributed storage, reconfigurable networks) to new programming platforms. This special session on cloud and distributed computing is intended to be a forum for the exchange of ideas and experiences on the use of cloud computing technologies and applications with compute and data intensive workloads, the challenges and opportunities offered by the development of cloud computing solutions themselves, as well as case studies in applications of cloud computing.

Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned tracks are invited for submission in this special session: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

- Cloud & Distributed Computing
- Cloud Computing for Scientific Applications
- Cloud Federation and Hybrid Cloud Infrastructure
- Cloud Services Provisioning and Management
- Scheduling and Application Workflows on the Cloud
- Cryptographic Cloud-Based Storage and File Systems
- Fault-Tolerance of Cloud Services and Applications
- Services for improving Cloud Application Availability
- Cloud Computing Resource Management (e.g., Virtual Machine scheduling & management algorithms)
- Virtual Machine Migration Techniques
- Virtualization and Container Technologies and their effects on IaaS Solutions
- Cloud Forensics & Cloud-Centric Threat Models
- Cloud Computing Resource Management (e.g., Virtual Machine scheduling and management algorithms)
- Experimental Evaluation of Distributed Systems
- Security, Cryptography and Game Theory in Distributed Systems
- Distributed Algorithms: design, analysis, and complexity
- Distributed Operating Systems and Distributed Database Systems
- Concurrent, Synchronization, and Transactional Memory in Distributed Systems
- Embedded Distributed Systems, Sensors and Mobile
- Formal methods for Distributed Systems

### **PAPER SUBMISSION PROCESS:**

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

Email: [cec.jaspreet@gmail.com](mailto:cec.jaspreet@gmail.com) with Subject Line “**Research Paper for Special Session SS10\_CDC**” from your email.

Papers must be submitted electronically (in doc/docx/ PDF format) via on-line submission using the Easy Chair system at the following link:

<https://easychair.org/my/conference?conf=ic4s>

For details check conference website:

<http://www.ic4s.co.in/cop.php>

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

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**Important Dates:**

|   |                         |
|---|-------------------------|
| Submission of Full Papers Deadline                  | 15th August, 2019       |
| Notification of Acceptance Deadline                 | 30th Aug, 2019          |
| Submission of Accepted Camera-Ready Papers Deadline | 15th Sept, 2019         |
| Author's Registration Deadline                      | 20th Sept, 2019         |
| Conference Dates                                    | 12th-13th October, 2019 |

**Technical Program Committee (TPC):**

1. Dr. Neeraj Sharma, Amity University, Kolkata, India.
2. Dr. Shashi Bhushan, Chandigarh Engineering College, Landran, Punjab, India.
3. Dr. Anuj Sharma, OM Sterling Global University, Hisar, Haryana, India.
4. Dr. Dinesh Kumar, OM Sterling Global University, Hisar, Haryana, India.
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7. Dr. Vijay Bhardwaj, Guru Kashi University, Bathinda, Punjab, India.
8. Dr. Kamali Gupta, Chitkara University Institute of Engineering and Technology, Punjab, India.
9. Dr. Ashwani Sethi, Guru Kashi University, Bathinda, Punjab, India.

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