International Conference
On
Computing, Communications, and Cyber-Security (IC4S)
12th–13th October 2019
CHANDIGARH

Lecture Notes in Networks and Systems, Springer

[Approved]

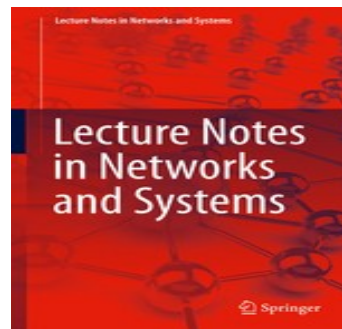**SPECIAL SESSION ON EMERGING TRENDS IN WIRELESS COMMUNICATIONS FOR THE INTERNET OF THINGS (SS02_ETWC)**

=======================================

Invitation for Research Paper in Scopus Indexed

12th -13thOctober, 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: 30th 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.Ritika,** Associate Professor, Department of Computer Applications, DIT University, Dehradun (Uttrakhand), India

2. **Dr.R.K.Saini,** Assistant Professor, Department of Computer Applications, DIT University, Dehradun (Uttrakhand), India

AIMS & SCOPE

Over the past decade, the Internet of Things (IoT) has become one of the most influential technologies in the fields of wireless communications and mobile computing. Originated from RFID and wireless sensor networks (WSNs), the paradigm of IoT has been transforming every aspect of human life including healthcare, energy, transportation, and manufacturing. Recent predictions show that there will be more than 20 billion IoT devices by 2020. Since its very beginning, wireless communication has been focused on serving human-to-human interaction or human accessing information. Due to IoT, the scope of wireless communication becomes ubiquitous communication among all people and all devices, and the major challenge now becomes how to realize large-scale device-to-device (D2D) communication in an intelligent and energy efficient fashion. On the other hand, mobile computing is expected to be more pervasive and resource constrained than any time before. To facilitate IoT, there are tremendous innovation opportunities in different disciplines and perspectives. This session is seeking high-quality research articles as well as reviews about state-of-the-art technologies in wireless communications and mobile computing that contribute to the formation and advancement of IoT. Since power and cost constraints are major factors of IoT development, they will be the main focus of this special issue.

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)

- Power-line communication for smart grid and home area networks
- Body area networks with Bluetooth and other low power communication techniques
- Emerging techniques in ZigBee and low power Wifi
- Energy efficient networks in IoT systems
- Energy-constrained wireless sensing techniques
- Compressed sensing for signal with sparse structure in IoT applications
- 5G technologies and their application in IoT
- Biosignal processing with mobile computing
- Cyber-physical system architecture
- Energy efficiency in wireless sensor networks
- Cross layer design in WSNs
- Machine learning algorithm for adaptive computing in IoT
- Security and privacy innovation for IoT applications

PAPER SUBMISSION PROCESS:
Paper Submission Process:
Please submit your paper (in word/pdf format) at following emails:
hod.mca@dituniversity.edu.in & rk.saini@dituniversity.edu.in with Subject Line "**Research Paper for Special Session SS02_ETWC-2019**" 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:

Session Chair: Dr.Ritika   and Dr.R.K.Saini

Email ID: hod.mca@dituniversity.edu.in & rk.saini@dituniversity.edu.in

Mobile No.: +91-9412005111 and +91-9456294074

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):

List of Members from India & Abroad (Consented already)

1. Dr. Bharti Sharma, Assistant Professor, Department of Computer Science, DIT University, Dehradun (Uttarakhand)
2. Ms. Pooja Gupta, Assistant Professor, Department of Computer Applications, DIT University, Dehradun (Uttarakhand)
3. Mr. Nafees Akhtar Farooqui, Assistant Professor, Department of Computer Science, Era University, Lucknow
4. Mr. Abhishek Pathak, Assistant Professor, Department ofComputer Applications, Uttaranchal University, Dehradun.
5. Ms. Naveen Tyagi, Assistant Professor, Department of Computer Science and Engineering,DIT University, Dehradun (Uttarakhand)
6. Dr. Shakti Kundu, Associate Professor, College of Computing Sciences and Information Technology, Teerthankar Mahaveer University, Moradabad
7. Mr. Sanjay Tyagi, Assistant Professor, Department of Computer Applications, Tula Institute of Technology, Dehradun.

Publication Policies:

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

2. Incase, any registered paper/article is rejected by the Springer for its publication with their conference proceeding due to any reason (mentioned at point number-01), the sole responsibility shall lies with authors of that article. As we clearly stated on the first and home pages, that Springer 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 up to 12 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 registrationlink.

4. Springer proceedings shall available online only; hard-copy may be requested directly with the SPRINGER on payment as per their rates, once available after online publication.

5. The organizers will have not have any responsibility for any of registered/presented papers, if not accepted/approved by the Springer for publication in their conference proceeding due to any of the reason as specified in point 1 and 2 or because of any specific reason sometimes depends upon manuscript to manuscript too**.**