

CALL FOR PAPERS

Special Session: Smart Living with Wireless Sensor Network, IoT, Cloud, and Edge Computing

International Conference on Computational Intelligence and Data Science (ICCIDS 2018)

7-8th April, 2018

The NorthCap University, Gurugram

Aim: The main propose of this special session is to focus on Smart Living with wireless sensor network, IoT, Cloud, and Edge Computing

Dear Sir/Madam,

Greetings from ICCIDS 2018!!!

It gives me great pleasure to invite you to submit your research paper on the Special Session on "Smart Living with wireless sensor network, IoT, Cloud, and Edge Computing" in the **International Conference on Computational Intelligence and Data Science (ICCIDS 2018) during 7-8th April, 2018** organized by The NorthCap University, Gurugram

Smart health, smart cities, smart industries, smart agriculture, smart environment, smart transportation, smart homes, smart education, smart business, smart energy, smart grids, and so on are the components that aid the mankind for smart living. However, they require, typically, design and development of innovative technologies, standards, and protocols apart from their architectures and frameworks. IoT has emerged as an extension to Wireless Sensor Networks (WSNs) with the low-cost and Internet-enabled solution for connecting and accessible anything from anywhere. In addition, such smartness derived due to the artificial intelligence yields in the production of tremendous amounts of data. The data increases as a baby-boomer requiring efficient tools to analyze and extract suitable inferences for services in order to extend smart living. Cloud, Edge and Big Data acquired enormous attention in the light of massive data storage and analytics. With the large cohorts of gazette shrewdness and hi-tech population, the infrastructure, service delivery becomes expensive and difficult to manage for cities and governments. Automating systems through utilization of IoT, Cloud, Edge, Big Data, and M2M tools and technologies demonstrate great opportunity to reduce operating costs significantly, utilize those savings more effectively, and provide better services to communities for the smarter living. This workshop provides a platform to the researchers to publish their innovative ideas, extensive analysis of their comparative studies, critical review of existing research and position papers in the above areas to meet the smart living requirements. The topics of interest include but are not limited to:

- Platform architectures

- Data analytics
- Privacy-preserving data mining
- Big data integrity and confidentiality
- Data and knowledge as a service
- Security and privacy applications
- Real-time and stream processing techniques and algorithms
- Real-life case studies
- Proactive/predictive and advanced machine learning models
- Simplified and distributed data processing techniques
- Ubiquitous machine learning
- Fog computing
- Smart living data warehouse
- Soft computing techniques
- Optimization
- Resource utilization and Resource Management
- Security and Trust
- Mobile Computing
- Application Development
- Wireless Sensor Networks
- Adhoc Networks
- Mobile Data Services
- High Performance Computing

Session Chair: Dr. Neeta Singh and Dr. Vidushi Sharma

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For more detail please visit: <http://iccids2018.ncuindia.edu/>

We are pleased to invite you to submit original contributions to ICCIDS 2018 via the official submission system at <https://easychair.org/conferences/?conf=iccids2018>. This can include, technical and experimental, theoretical, conceptual, or a survey. All submissions will be peer-reviewed on the basis of relevance, originality, importance, and clarity.

For Session details: <http://iccids2018.ncuindia.edu/Special-Session>

Paper Submission Process:

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

Name: Dr. Neeta Singh, Dr. Vidushi Sharma

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All accepted papers will be published in Procedia Computer Science, Elsevier.

Notes for Prospective Authors: Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. All papers are refereed through a peer review process.

If you have any queries concerning this special session, please email the Dr. Neeta Singh at neeta@gbu.ac.in

Write Brief Biography of session Chair with photograph

Dr. Neeta Singh is Assistant Professor in the School of Information and Communication Technology, Gautam Buddha University, Gautam Budh Nagar, Greater Noida. She received Ph.D in Computer Science from Center for Information and Decision Science, from Agra University. She is life member of ISTE, Bharat Ganita Parisad and WASET. She has published research papers in several International and National Journals. Her research interest includes wireless communication networks, Ad-hoc networks, VANETs, WSN etc.

Dr. Vidushi Sharma: Vidushi Sharma has done Ph.D in computer Science and presently working as a faculty in Gautam Buddha University, Greater Noida, UP, India. She teaches post graduate and graduate level courses and has large number of International and national publications and has also written a book on Information Technology. Her research interests includes IT applications in management and performance evaluation of Information Systems which includes Wireless Systems, Application Software, Ecommerce System with over 50 publications.