Second International Conference
On
Computing, Communications, and Cyber-Security (IC4S-2020)
03–04th October, 2020
IEI, DELHI, INDIA

SPECIAL SESSION ON BIG DATA ANALYTICS, DATA SCIENCES AND NEURAL NETWORKS (SS07_BDNN)

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Invitation for Research Paper in Scopus Indexed

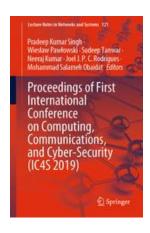## Second International Conference- IC4S-2020 Proceedings will be indexed in DBLP and Scopus

03rd -04th October, 2020 (Venue: IET, DELHI)

Proceedings of First International Conference-IC4S-2019 in LNNS Springer available online:

https://www.springer.com/gp/book/9789811533686

Publication in Springer Lecture Notes in Networks and Systems

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

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

Paper Submission Deadline: 30th June, 2020

Paper submission Link: https://easychair.org/conferences/?conf=ic4s2020

(Through Easy Chair Only)

Conference Website: http://ic4s.co.in/ic4s-2020/

PUBLICATION: SELECTED PAPERS WILL BE SUBMITTED TO PUBLISHING PARTNER, SPRINGER LNNS SERIES FOR PUBLICATION. SPRINGER LNNS SERIES IS INDEXED WITH SCOPUS AND DBLP.

SESSION CHAIR: Preeti Nagrath
Assistant Professor, Bharati Vidyapeeth's College of Engineering, New Delhi, India
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AIMS & SCOPE
The growth of data both structured and unstructured present challenges as well as opportunities for industries and academia over the next few years. With the explosive growth of data volumes, it is essential that real-time information that is of use to the business can be extracted to deliver better insights to decision-makers, understand complex patterns etc. Data Sciences employs techniques and theories drawn from many fields within the context of mathematics, statistics, computer science, and information science. The session is expected to provide an opportunity for the researchers to meet and discuss the latest solutions, scientific results and methods in solving intriguing problems in the fields of Big Data Analytics, Data Sciences and Neural Networks. The conference programme will include workshops, special sessions and tutorials, along with prominent keynote speakers and regular paper presentations in parallel tracks.
Contributions are expected to present original research on Big Data Analytics, Data Sciences and Neural Networks with real world applications

Tracks: (Sub-Themes) Topics to be discussed in this special session include (but are not limited to) the following:
- Foundations of big data processing
- Programming Techniques
- Analytics and Metrics
- Representation Formats
- Cloud Computing Techniques
- Mobile and Pervasive Computing
- Data Management
- Data Quality
- Social Network
- Protection, Integrity and Privacy
- Big data applications
- Feedforward neural networks
- Recurrent neural networks
- Self-organizing maps
- Artificial Neural Networks and Learning methods
- Attractor neural networks and associative memory
- Fuzzy neural networks
- Spiking neural networks
- Reservoir networks (echo-state networks, liquid-state machines, etc.) Large-scale neural networks
- Learning vector quantization
- Deep neural networks
- Randomized neural networks
- Other topics in artificial neural networks

PAPER SUBMISSION PROCESS:

Paper Submission Process:
Please submit your paper (in word/pdf format) at following emails:
Email: Preeti.nagrath@bharatividyapeeth.edu with Subject Line "**Research Paper for Special Session SS07_BDNN _ IC4S-2020"** from your email.

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

https://easychair.org/conferences/?conf=ic4s2020
For any further queries related to this special session, please contact the session chair at:
Session Chair: Preeti Nagrath
Email ID: Preeti.nagrath@bharatividyapeeth.edu
Mobile No.: 9716146206

Important Dates:

Submission of Full Papers Deadline	30th June, 2020
Notification of Acceptance Deadline	15th Aug, 2020
Submission of Accepted Camera-Ready Papers Deadline	30th Aug, 2020
Author's Registration Deadline	05th Sept, 2020
Conference Dates	03rd-04th October, 2020

Technical Program Committee (TPC):

List of Members from India & Abroad (Consented already)

1. Prof. Sanjay Madria, Professor, Missouri University of Science and Technology, USA
2. Dr. Anand Nayyar, Du Tayan University, Veitnam
3. Dr. Vikram Bali, Professor, JSS Academy of Technical Education, Noida.
4. Dr. Deepali Kamthania, Professor, VIPS, Delhi
5. Dr. Inderjeet Kaur, Associate Professor, Ajay Kumar Garg Engineering College, Ghaziabad
6. Dr. Mahesh Kumar, Associate Professor, Jaypee Institute of Engineering and Technology, Guna, M.P.
7. Dr. Bhawna Singla, Associate Professor, Geeta Engineering College, Panipat
8. Dr. Bindu Garg, Associate Professor, Bharati Vidyapeeth University, Pune
9. Dr. Sushila Madan, Associate Professor, LSR, DU, New Delhi
10. Jyoyi Snehi, Assitant Professor, Chitkara University, Chandigarh

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3. Paper/article length is limited upto 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 registration link.

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.

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Silent features of conference

- **10% additional discount to all authors of IC4S-2019.**
- **Track-wise "Best Paper Award" along with certificates to all the authors**
- **Attractive Prizes worth Up to 20,000* like the previous versions for Best Papers.**
- **A local tour of the capital of India Delhi is also organized during the conference for all dignitaries.**
- **Skype presentation based on specific request separately**
- **Low cost registration amount for the Indian Students (IITs/NITs/Central Universities/Institute of premier repute)**