



Third International Conference

On

Computing, Communications, and Cyber-Security (IC4S-2021)

30-31 October 2021

Krishna Engineering College, Ghaziabad, UP, India



Approval In Process

## SPECIAL SESSION ON MACHINE LEARNING AND DEEP LEARNING APPLIED TO COMPLEX PROBLEMS IN COMPUTER SCIENCE (SS\_13\_ACPCS)



Invitation for Research Papers in Scopus Indexed

**3<sup>rd</sup> International Conference- IC4S-2021 Scheduled to be held on**

**30<sup>th</sup> -31<sup>st</sup> October, 2021 (Venue: KEC, Ghaziabad)**

**Proceedings of IC4S-2021 will be indexed in DBLP and Scopus Springer Lecture Notes in Networks and Systems (LNNS)**

Proceedings of IC4S-2019 and IC4S-2020 already published in LNNS Springer Series (SCOPUS Indexed) and available online:



<https://www.springer.com/series/15179>, <https://www.springer.com/gp/book/9789811607325#aboutBook>

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

**Paper Submission Deadline: 30<sup>th</sup> August, 2021**

Paper submission Link: <https://easychair.org/conferences/?conf=ic4s2021>

(Through Easy Chair Only)

**Conference Website:** <http://ic4s.co.in/ic4s-2021/index.php>

**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**

Dr. Rachna Jain, Assistant Professor

Bharati Vidyapeeth's college of Engineering, New Delhi, India

Email IDs: [rachna.jain@bharativedyapeeth.edu](mailto:rachna.jain@bharativedyapeeth.edu)

**AIMS & SCOPE** Over the last decades there has been an increasing interest in using machine learning and in the last few years, deep learning methods, combined with other vision techniques to create autonomous systems that solve vision problems in different fields. This special session is designed to serve researchers and developers to publish original, innovative and state-of-the art algorithms and architectures for real time applications in the areas of computer vision, image processing, biometrics, virtual and augmented reality, neural networks, intelligent interfaces and biomimetic object-vision recognition. This special session provides a platform for academics, developers, and industry-related researchers belonging to the vast communities of \*Neural Networks\*, \*Computational Intelligence\*, \*Machine Learning\*, \*Deep Learning\*, \*Biometrics\*, \*Vision systems\*, and \*Robotics \*, to discuss, share experience and explore traditional and new areas of the computer vision, machine and deep learning combined to solve a range of problems. The objective of the workshop is to integrate the growing international community of researchers working on the application of Machine Learning and Deep Learning Methods in Vision and Robotics to a fruitful discussion on the evolution and the benefits of this technology to the society. Topics to be discussed in this special session include (but are not limited to) the following:

- Healthcare and medical diagnosis
- Social network modeling
- Financial risk assessment
- Marketing and E-commerce
- Multimedia data mining
- Visual surveillance
- Application Systems for Big Visual Data Understanding
- Education data mining
- Location big data mining
- Intelligent transportation system
- Smart government
- Smart and cyber-physical devices
- Self-adaptation, self-organization and self-supervised learning
- Robust computer vision algorithms (operation under variable conditions, object tracking, behavior analysis and learning, scene segmentation,)
- Convolutional Neural Networks CNN
- Recurrent Neural Networks RNN
- Deep Reinforcement Learning DRL
- Hardware implementation and algorithms acceleration (GPUs, FPGA,s,..)
- Computational Intelligence methods

### **PAPER SUBMISSION PROCESS:**

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

Email: [Rachna.jain@bharativedyapeeth.edu](mailto:Rachna.jain@bharativedyapeeth.edu) with Subject Line “**Research Paper for Special Session SS\_13\_ACPCS -IC4S-2020**” from your email.

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

<https://easychair.org/conferences/?conf=ic4s2021>

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

**Session Chair: Dr. Rachna Jain, Email ID: [Rachna.jain@bharativedyapeeth.edu](mailto:Rachna.jain@bharativedyapeeth.edu)**

**Mobile No.: 9873793940**

## Important Dates:

### Submission of Full Papers Deadline

30th August, 2021

### Notification of Acceptance Deadline

15th October, 2021

### Submission of Accepted Camera-Ready Papers Deadline

20th October, 2021

### Author's Registration Deadline

20th October, 2021

### Conference Dates

30st-31th October, 2021

## Technical Program Committee (TPC):

1. Prof. Sanjay Madria, Professor, Missouri University of Science and Technology, USA
2. Dr. Anand Paul, Kyungpook National University, South Korea
3. Dr. Morteza Yazdani, Universidad Loyola Andalucia
4. Dr. Vikram Bali, JSS Academy of Technical Education, Noida.
5. Dr. Inderjeet Kaur, Ajay Kumar Garg Engineering College, Ghaziabad
6. Dr. Mahesh Kumar, Jaypee Institute of Engineering and Technology, Guna, M.P.
7. Dr. Sandeep Kumar (Poonia). Amity University Rajasthan, Jaipur.
8. Dr. Sanjeevi kumar Padmanaban, Aalborg University, Denmark
9. Dr. G. Suseendran, Vels University, Chennai
10. Dr. Arun Solanki, Gautam Buddha University, India
11. Dr. Fadi Al-Turjman, Professor, Near East University, Turkey
12. Dr. Jafar A. Alzubi, School of Engineering, AL-Balqa Applied University, Salt, Jordan
13. Dr. Akshi Kumar, Delhi Technological University, New Delhi

## 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. In case, 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 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.
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.

## Silent features of IC4S-2021:

- **10% additional discount to all authors of IC4S-2020.**
- **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 (if organized in physical mode).**
- **Skype presentation based on specific request separately (if pandemic continues then the IC4S 2021 will be organized in an online mode)**
- **Low cost registration amount for the Indian Students (IITs/NITs/Central Universities/Institute of premier repute)**