

Fourth International Conference

On

Computing, Communications, and Cyber-Security (IC4S-2022)

16 – 17, December, 2022

IEI, Delhi India



Approved from LNNS, Springer

SPECIAL SESSION ON Internet of Things Based Technologies for Smart Agriculture (SS08_IoTSAT)

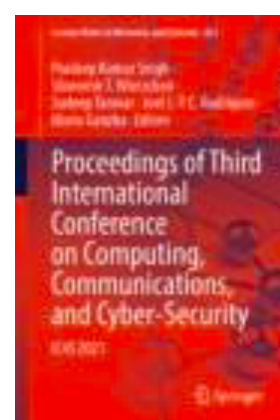
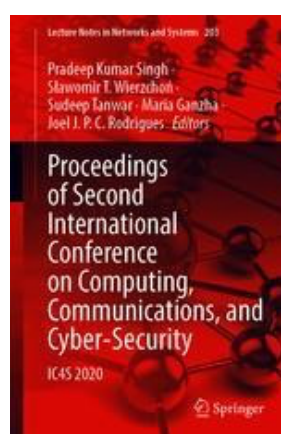
Invitation to Submit Research Papers in Scopus Indexed

4rd International Conference- IC4S-2022 Scheduled to be held on

16th -17st December, 2022 (Venue: KEC, Ghaziabad)

Proceedings of IC4S-2022 will be indexed in DBLP and Scopus indexed Lecture Notes in Networks and Systems (LNNS) of Springer

Proceedings of IC4S-2019, IC4S-2020, and IC4S-2021 already published in LNNS Springer Series (SCOPUS Indexed) and available online:



<https://www.springer.com/gp/book/9789811533686>, <https://www.springer.com/gp/book/9789811607325#aboutBook>,
<https://link.springer.com/book/10.1007/978-981-19-1142-2>

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Paper Submission Deadline: 30th October, 2022

Paper submission Link: <https://easychair.org/conferences/?conf=ic4s2022>
(Through Easy Chair Only)

Conference Website: <https://www.ic4s.co.in/ic4s-2022/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. Pankaj Vaidya Professor & Head of School Yogananda School of AI Computer and Data Science, Shoolini University of Biotechnology and Management Sciences, Himachal Pradesh India.

Dr. Brij Bhushan Sharma Assistant Professor Yogananda School of AI Computer and Data Science Shoolini University of Biotechnology and Management Sciences, Himachal Pradesh India.

AIMS & SCOPE

The smart agriculture is a concept that combines renewable energy and community-based education that can have an impact on an estimated 940 million population worldwide. Smart agriculture target IoT technologies in rural areas to develop innovative solutions to improve the quality of life and provide growth opportunities to its residents. The systems of the smart agriculture are essentially cyber-physical systems or CPS which are built using the Internet of Things (IoT). Research on 'IoT Technologies for Smart agriculture' encompasses sensors, cloud computing, edge computing, big data, wearable devices, artificial intelligence, fuzzy logics, cyber security, and related technologies for the energy-efficient, secure, and robust design. Thus, the development of IoT based Technologies for Smart agriculture needs the investigation of several factors such as energy efficiency, security, privacy, computational performance, reliability, and flexibility, ease of use, which necessitates rigorous research.

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:

- IoT Architectures
- AI and Machine Learning for the IoT
- Web of Things including Hypermedia Agents for the IoT
- New IoT Communication Technologies
- Energy Efficiency and Sustainability in IoT
- Sensing, Signal Processing, Actuation and Analytics in Small and Large-scale pilots
- Security and Privacy in IoT
- Human Interaction with IoT
- (Syntactic/Semantic) Interoperability in IoT
- Distributed Ledger Technologies for IoT
- Real-world Deployments, and Testbeds
- Novel Applications of IoT in Verticals (e.g., industrial, rural, business processes, etc.)
- Societal Impacts and Ethical Implications of the IoT
- IoMT-enabled solutions for smart healthcare
- IoT-enabled solutions for smart transportation
- IoT-enabled solutions for Unmanned Aerial Vehicle (UAVs)
- IoT-enabled solutions for smart huts and smart homes
- Blockchain based solutions for smart village components and technologies
- Physical Unclonable Functions (PUF) based solutions for smart village components and technologies
- Security, Privacy, and IP Rights solutions for smart village components and technologies
- Sensor designs for diverse IoT applications
- Real-time systems design for IoT applications
- Energy-harvesting technology for IoT
- Security and privacy-aware hardware designs for IoT
- Artificial Intelligence (AI) and machine learning solutions for smart agriculture components and technologies

- Edge computing based IoT solutions for smart agriculture.
- Smart Autonomous vehicles for agricultural practices
- Agricultural Drones
- Fuzzy Systems in agriculture

PAPER SUBMISSION PROCESS:

Paper Submission Process:

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

Email: pankaj.vaidya@shooliniuniversity.com, & brijbhushan@shooliniuniversity.com with Subject Line “Research Paper for Special Session SS08_IoTSAT-IC4S-2022” 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=ic4s2022>

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

Session Chair: Dr. Pankaj Vaidya & Dr. Brij Bhushan Sharma

Email ID: pankaj.vaidya@shooliniuniversity.com, & brijbhushan@shooliniuniversity.com

Mobile No.: 7018504231, 9418550459

Important Dates:

Submission of Full Papers Deadline

30th October, 2022

Notification of Acceptance Deadline

15th November, 2022

Conference Dates

16th-17th December, 2022

Technical Program Committee (TPC):

List of Members from India & Abroad (Consented already)

1. Dr. Ankur Kaushal MMU Ambala, India
2. Dr. Shagun Gupta MMU Ambala, India
3. Dr. Varun Jaiswal Gachon University, Republic of Korea
4. Er. Shalini Sharma Chandigarh Group of Colleges, India
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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-2022:

- **Track-wise “Best Paper Award” along with certificates to all the authors**
- **Online presentation based on specific request separately (if pandemic continues then the IC4S 2022 will be organized in hybrid mode)**
- **Low cost registration amount for the Indian Students (IITs/NITs/Central Universities/Institute of premier repute)**

NOTE: While submitting paper in this special session, please specify **[insert special session title and SS08_IoTSAT]** at the top (above paper title) of the first page of your paper.