



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 INDUSTRIAL INTERNET OF THINGS: CHALLENGES AND OPPORTUNITIES (SS_14_IHOT)



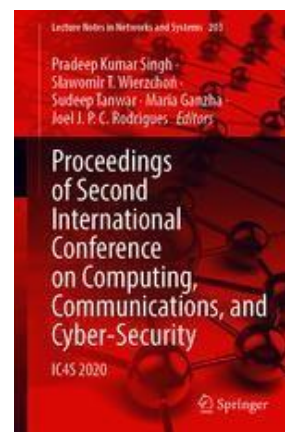
Invitation for Research Papers in Scopus Indexed

3rd International Conference- IC4S-2021 Scheduled to be held on

30th -31st 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: 30th 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. Nagesh Kumar, Shoolini University, Solan (HP), India.

AIMS & SCOPE

During the last decade, the advent of the Internet of Things (IoT) and its quick and pervasive evolution has significantly revolutionized the information technology ecosystem. The IoT will consist of billions of interconnected smart objects generating and consuming a huge amount of heterogeneous data. This massive amount of information has the power to revolutionize how applications and services are designed and deployed, allowing them to work more efficiently and profitably. In this context, the Industrial Internet of Things (IIoT) represents the fourth industrial revolution (also denoted as Industry 4.0) and is disrupting existing approaches and creating opportunities for growth in terms of innovations, developments, and disruptive business models. The advent of the IoT is changing this vision and, progressively, two domains, information technology (IT) and operation technology (OT) have gradually started to share common approaches and technologies. The convergence of IT and OT together with the IoT represents an appealing challenge for both the academic and the industrial research communities, with the aim of bringing enhanced performance and gains in terms of flexibility and interoperability.

This Special Session focuses on the innovative developments, technologies, and challenges related to the convergence of IT and OT in IoT application scenarios. This Special Session seeks the latest findings from research and ongoing projects, also including practical use cases and detailed real-world deployment toward gaining new insights. Additionally, review articles that provide readers with current research trends and solutions are also welcome. The potential topics include, but are not limited to:

- Industrial Internet of Things use cases
- Architectural and networking innovation for OT/IT interoperability
- Cybersecurity for OT/IT convergence
- IoT security protocols and IoT networking and communication security
- Adoption of edge and fog computing for the shop floor
- Cloud and edge/fog synchronization, interoperability, and hybrid architectures
- Multiple access network technologies management, e.g., 5G/fiber/ethernet
- Management of protocol heterogeneity and translation
- Digital twin as a technological enabler for new IIoT architectures and deployments

PAPER SUBMISSION PROCESS:

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

Email: engg.nagesh2@gmail.com with Subject Line “**Research Paper for Special Session SS_14_IIOT-IC4S-2021**” 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. Nagesh Kumar

Email ID: engg.nagesh2@gmail.com

Mobile No.: +919418828704

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):

Name	Affiliation
Dr. Yashwant Singh	Central University of Jammu, J & K, India
Dr. Gaurav Gupta	Shoolini University, Solan (HP), India
Dr. Nitin Kumar	Shoolini University, Solan (HP), India
Er. Fakhruddin Noori	Rana University, Afghanistan
Dr. Hakam Singh	Chitkara University, Solan (HP), India
Dr. Amit Sharma	Chitkara University, Chandigarh, India
Dr. Vandana Mohindru	Chandigarh Group of Colleges, Mohali, Punjab, India
Dr. Ashutosh Sharma	Southern Federal University, Russia
Dr. Hradesh Kumar	GLA University, Mathura, UP, India
Dr. Yugal Kumar	Jaypee University of Information Technology, India

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)**