



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 DRIVEN CYBER SECURITY (SS_11_MLDCS)

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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 CHAIRS

Dr. Bhaskar Mondal

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AIMS & SCOPE

The boundless use of smart technologies brings new security challenges in the cyberspace. Every user and devices in the cyberspace are subject to cyberattacks. There are research challenges of using advanced artificial intelligence (AI) and machine learning techniques for the security-sensitive design and analysis in the development of modern cyberspace. Fast developments in artificial intelligence technology may improve the scale, speed, and accuracy of security mechanisms. ML has the potential to prove its best in different aspects of cybersecurity, cyber threat detection, and cyber threat intelligence. Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned tracks are invited for submission in this special session: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: (Sub-Themes)

- Computational Intelligence Techniques in Security
- Intrusion Detection and Remediation
- Malware detection system
- Lightweight encryption techniques
- Access control mechanisms in cloud
- Secure social media
- Fake news detection
- Blockchain for IoT secure communication
- Crowd management in IoT and 5G network.
- Trust management
- Use of machine learning in forensics and threat intelligence.
- ML driven software testing and threat anticipation

PAPER SUBMISSION PROCESS:

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

Email: bhaskar.cs@nitp.ac.in with Subject Line “**Research Paper for Special Session SS_11_MLDCS**” 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. Bhaskar Mondal

Email ID: bhaskar.cs@nitp.ac.in

Mobile No.: +91 8797877789

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. N. P. Rana, Bradford University , UK
2. Dr. Snehasish Banerjee, York University, UK
3. Dr. Amitava Nag, Central Institute of Kojrajhar, Assam, India
4. Dr. Sudhakar Tripathi, Rajkiya Engineering College Ambedkarnagar, India
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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 lie 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.

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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.

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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)**