SPECIAL SESSION ON Cognitive AI for Intelligent Computing (SS_09_CAIIC)

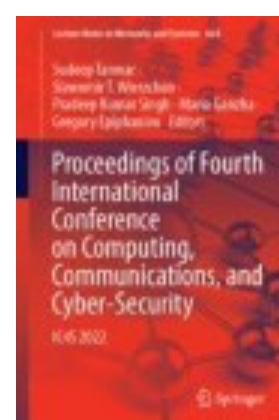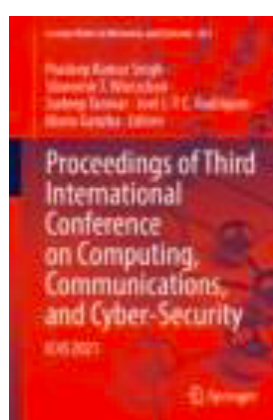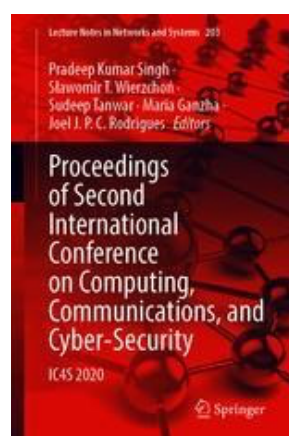===

Invitation to Submit Research Papers in Scopus Indexed

5th International Conference- IC4S-2024 Scheduled to be held on

29th February-01st March, 2024 (Venue: SMVDU, Katra, India)

Proceedings of IC4S-2024 will be indexed in DBLP and Scopus indexed Lecture Notes in Networks and Systems (LNNS) of Springer

Proceedings of IC4S-2019, IC4S-2020, IC4S-2021 and IC4S 2022 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, https://link.springer.com/book/10.1007/978-981-99-1479-1

Academic Partners

Paper Submission Deadline: 29th January, 2024

Paper submission Link: **https://cmt3.research.microsoft.com/IC4S2023**

(Through CMT Only)

Conference Website: https://www.ic4s.co.in/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. Preeti Nagrath
Associate Professor
Bharati Vidyapeeth's College of Engineering, New Delhi

 AIMS & SCOPE

Cognitive AI for Intelligent Computing

Cognitive AI is a stage of AI where cognitive technology can augment human decision-making capabilities and through progressive learning, it could make independent decisions and perform tasks in a way similar to humans. It brings together diverse domains like machine learning, natural language processing, computer vision, and robotics to simulate human thought processes, reasoning, and learning capabilities using data. This integration transforms the way we use computers and communicate by making them more efficient, flexible, and user-friendly. In this special issue, we aim to explore and illuminate the profound impact of Cognitive AI on the realms of computing and communications.

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)

Cognitive AI Algorithms and Models
Cognitive AI in Edge Computing
Cognitive IoT Architectures, Applications, and Challenges
Cognitive Security and Social Networks
Computer Vision
Data Mining and Knowledge Discovery
Ethical and Responsible AI
Intelligent Agents
Interpretability and Explainability
IoT and Cognitive Computing Integration
Knowledge Representation and Reasoning
Machine Learning Algorithms
Multi-Modal Learning and Fusion in Cognitive AI
Natural Language Processing
Neuro-Symbolic AI
Optimization Algorithms and Techniques
Pattern Discovery, Data Preprocessing, Predictive Modeling
Quantum Computing and Cognitive AI
Other Application Areas: Healthcare, Finance, Retail, Autonomous Vehicles, Smart Cities, Smart Manufacturing

PAPER SUBMISSION PROCESS:
Paper Submission Process:
Please submit your paper (in word/pdf format) at following emails:
Email: write email id of session chair with Subject Line "**Research Paper for Special Session SS_09_CAIIC- IC4S-2022**" from your email.

You have to also upload the paper through easy chair on the conference website. Details are as follows;
https://cmt3.research.microsoft.com/IC4S2023
For any further queries related to this special session, please contact the session chair at:

Session Chair: Dr. Preeti Nagrath
Email ID: Preeti.nagrath@bharatividyapeeth.edu
Mobile No.: 9716146206

Important Dates:

Submission of Full Papers Deadline	**29th January, 2024**
Notification of Acceptance Deadline	15th February, 2024
Conference Dates	29th February 2024 to 1st March, 2024

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-2024:

- **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 2024 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 Number]** at the top (above paper title) of the first page of your paper.