

Fifth International Conference

On

Computing, Communications, and Cyber-Security (IC4S'05)

Dates: 29th February 2024 to 1st March, 2024

Venue: Shri Mata Vaishno Devi University (SMVDU), Katra, India



Approved from LNNS, Springer

SPECIAL SESSION ON Deep Diagnostics: Unleashing the Power of AI in Medical Imaging (SS_03_DDMI)

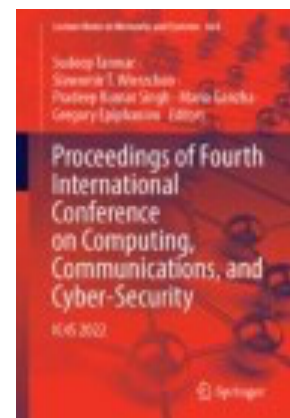
Invitation to Submit Research Papers in Scopus Indexed

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:



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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 CHAIRS

1. Dr. Parita Oza, Assistant Professor, CSE Department,
Institute of Technology, Nirma University, Ahmedabad, Gujarat, India
2. Dr. Smita Agrawal, Assistant Professor, CSE Department,
Institute of Technology, Nirma University, Ahmedabad, Gujarat, India

AIMS & SCOPE

This special session seeks to bring together researchers, practitioners, and industry professionals to discuss the latest developments, challenges, and opportunities in leveraging AI for medical diagnostics through advanced imaging technologies. By bringing together diverse perspectives and expertise, this special session aims to contribute to the ongoing dialogue on the transformative role of AI in medical diagnostics, ultimately leading to improved patient outcomes and more effective healthcare practices.

Tracks: (Sub-Themes)

1. Machine Learning or Deep learning for medical image analysis
2. Image segmentation and feature extraction in medical images
3. Generative models for medical image synthesis
4. Transfer learning in medical imaging applications
5. Integration of deep learning with imaging devices
6. AI-enhanced radiomics for precision diagnosis
7. Early cancer detection using deep learning algorithms in medical imaging
8. Interpretable AI for building trustworthy diagnostic models
9. Multi-modal medical imaging: Beyond the visible spectrum
10. Automated segmentation and annotation: Accelerating image analysis with AI
11. AI-powered decision support systems in radiology
12. Fusion of clinical data and imaging: Holistic diagnostics with AI
13. Clinical applications and case studies
14. Ethical considerations and challenges in medical image deep learning

PAPER SUBMISSION PROCESS:

Paper Submission Process:

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

Email: parita.prajapati@nirmauni.ac.in , smita.agrawal@nirmauni.ac.in with Subject Line “**Research Paper for Special Session SS_04_DDMI- IC4S-2024**” 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. Parita Oza

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No.:(+91)-9979883690

Session Chair: Dr. Smita Agrawal

Email ID: smita.agrawal@nirmauni.ac.in **Mobile**

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Important Dates:

Submission of Full Papers Deadline

29th January, 2024

Notification of Acceptance Deadline

15th February, 2024

Technical Program Committee (TPC):**List of Members from India & Abroad (Consented already)**

1. Dr. Paawan Sharma, Associate Professor and Dean ICT at Pandit Deendayal Energy University, Gujarat
2. Dr. Samir Patel, Associate Professor at Pandit Deendayal Energy University, Gujarat
3. Dr. S D Panchal, Professor & Director, GTU-Graduate School of Engineering and Technology (Government of Gujarat).
4. Dr. Chintan Patel, Assistant Professor, Kaushalya the Skill University, Ahmedabad
5. Dr. Atul Patel, Professor, Dean and Principal, SCMPICA, Charusat University, Gujarat.
6. Dr. Ajay Parikh, Professor, Gujarat Vidyapith, Ahmedabad, Gujarat.
7. Dr. Rakesh D. Vanzara, Professor & Head -Information Technology, U V Patel College of Engineering, Ganpat University, Gujarat.
8. Dr. Bankim Patel, Professor & Head, SRIMCA, Uka Tarsadia University, Gujarat.
9. Dr. Priti S. Sajja, Sardar Patel University, VV Nagar, India.
10. Dr. Darshan Choksi, Department of Computer Science, SP University, Gujarat

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.
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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-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.