SPECIAL SESSION ON INNOVATIONS IN SMART HEALTHCARE (SS14_ISH)

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Invitation for Research Paper in Scopus Indexed

Second International Conference- IC4S-2020 Proceedings will be indexed in DBLP and Scopus

03rd -04th October, 2020 (Venue: IET, DELHI)

Proceedings of First International Conference-IC4S-2019 in LNNS Springer available online:

https://www.springer.com/gp/book/9789811533686

Publication in Springer Lecture Notes in Networks and Systems

https://www.springer.com/series/15179

Technical Sponsors: SETIT (Tunisia), Southern Federal University (Russia)

Paper Submission Deadline: 30th June, 2020

Paper submission Link: https://easychair.org/conferences/?conf=ic4s2020

(Through Easy Chair Only)

Conference Website: http://ic4s.co.in/ic4s-2020/

SESSION CHAIR(S)
Prof. (Dr.) Pariza Kamboj, Professor, Sarvajanik College of Engineering and Technology,
Dr. Nirali Nanavati, Assistant Professor, Sarvajanik College of Engineering and Technology

AIMS & SCOPE
With the existing and imminent devastating effects of the pandemic and other developments in the domain of healthcare, smart healthcare becomes a very important research area. Transformation is required to change the healthcare system for the better—and the evolution is already in progress. Data is quickly transforming the healthcare landscape. Large amount of data is being collected in the form of personal information, images and videos for healthcare and hence various issues need to be addressed. The excessive data and the need for smart systems has led to the development and exploration in intelligent systems in the domain of healthcare. Various fields of study like machine learning, deep learning, recommendation systems, natural language processing, and IoT have helped in attaining these intelligent systems. However, it is also essential that the privacy and security of the collected healthcare data is handled.

This special session covers all aspects of innovations, issues and solutions pertaining to Healthcare. These developments could be based on Artificial Intelligence, Machine Learning, Data Science, Deep Learning, Natural Language Processing, Computer Vision, Big Data Systems and Analytics, IoT, Privacy Preserving Systems and solutions arising from their integration that contribute towards the future of healthcare. This special session solicits research paper submissions contributing to the foundations, innovations and applications in the domain from researchers in academia, industry, and government.

Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned themes are invited for submission in this special session:
Tracks: (Sub-Themes):

1. Intelligent Medical Care
2. Information Retrieval using Machine Learning for Healthcare
3. Healthcare based Image/Video Processing
4. Advances in Deep Learning with Applications in Healthcare
5. Advances in Medical Machine Learning
6. Parallel and Distributed Learning for Medical Systems
7. Natural Language Processing for Healthcare
8. Applications of Soft Computing in Healthcare Systems
9. Machine Learning for Big Data Analytics
10. Medical Imaging
11. Medical Recommendation Systems
12. Innovations in IoT for Healthcare Platform
13. Intelligent Electronic Healthcare Systems
14. Embedded Sensor Systems for Health
15. Digital Transformation in Healthcare
16. Simulations in Healthcare
17. Epidemiology and Healthcare
18. E-Healthcare Information Security

19. Integrated BlockChain Technologies in Healthcare
20. Laws and Standards for Secure E-Healthcare Information
21. Healthcare Information management System
22. Healthcare Big Data Management and Analysis
23. Transmission of Interoperable Healthcare Data
24. Ubiquitous Healthcare Services
25. Future Challenges in Intelligent Healthcare Systems

PAPER SUBMISSION PROCESS:
Please submit your paper (in word/pdf format) at following emails:
pariza.kamboj@scet.ac.in; nirali.nanavati@scet.ac.in
Email: with Subject Line "**Research Paper for Special Session SS_14- IC4S-2020"** from your email.

You may upload the paper through the easy chair on the conference website. Details are as follows:

https://easychair.org/conferences/?conf=ic4s2020

For any further queries related to this special session, please contact the session chair at:
Session Chair/s: Prof. (Dr.) Pariza Kamboj, Dr. Nirali Nanavati
Email ID: pariza.kamboj@scet.ac.in; nirali.nanavati@scet.ac.in
Mobile No.: 9099022986/9099089616

Important Dates:

Submission of Full Papers Deadline	30th June, 2020
Notification of Acceptance Deadline	15th Aug, 2020
Submission of Accepted Camera-Ready Papers Deadline	30th Aug, 2020
Author's Registration Deadline	05th Sept, 2020
Conference Dates	03rd-04th October, 2020

Technical Program Committee (TPC):

List of Members from India & Abroad (Consented already)

1. Prof. (Dr.) Subramaniam Ganesan, Professor, Electrical and Computer Engineering Department, Oakland University, Rochester, MI, USA, Email: ganesan@oakland.edu
2. Prof.(Dr.) O.P. Vyas, DAAD Fellow (Germany), AOTS Fellow (Japan), Visiting Professor (University of Paderborn-Germany), Professor (Information Technology) & Mentor (Business Informatics) , Indian Institute of Information Technology- Allahabad. Email: dropvyas@gmail.com.
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Silent features of conference

- **10% additional discount to all authors of IC4S-2019.**
- **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.**
- **Skype presentation based on specific request separately**
- **Low cost registration amount for the Indian Students (IITs/NITs/Central Universities/Institute of premier repute)**