ICICC-2023

6 th International Conference on Innovative Computing and Communication

Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India On 17-18th FEBRUARY 2023.

********** CALL FOR PAPERS **********

SPECIAL SESSION ON

AI & Deep Learning based Smart Healthcare Systems and other Applications

SESSION ORGANIZERS:

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EDITORIAL BOARD: (Optional) [Name, University or Organization, Country, e-mail] SESSION

DESCRIPTION:

There is an exponential growth in digital data with unprecedented new platforms derived for smart computing. The Big data creates opportunities for smart Healthcare databases to discover facts which are novel and provide deep insights of healthcare and clinical databases, to facilitate unprecedented understanding of large biomedical datasets. Today's big data Analytics provides multifaceted environment in knowledge discovery to transform the data into useful information for futuristic decision making. We can further say that big data is an emerging paradigm applied to large data sets where size, complexity and velocity are beyond the ability of a normal computer software and hardware tools. However, the current focus of special issue will be:

1. Bring together researchers (from both academia and industry) as well as practitioners to present their latest ideas and discuss some future directions

2. Provide a forum where expertise can discuss important contributions towards or research on Big Data Analytics in biological and/or medical data

3. Attract healthcare providers to discuss hidden biomedical and healthcare patterns for clinical use of data

4. Enhance interaction among Big data analytics and its application within healthcare in major areas of treatment effectiveness, management of healthcare, customer relationship management, and relationship among drugs

We invite all researchers, scientists and practitioners to share their interesting research, ideas, experience and results. The major topics related to large, complex, big data analysis and knowledge discovery are invited

Topics And Areas Include, But Not Limited To

1. Smart health and big data
2. Data mining, graph mining and data science for healthcare
3. Big data analytics and social media for healthcare
4. Smart devices and hardware for healthcare
5. Smart location-based services for healthcare
6. Models and tools for smart computing in healthcare
7. Innovations in healthcare and sensing devices
8. Security and privacy for big data in healthcare
9. Cloud and grid computing for healthcare
10. Standards for big data in healthcare
11. The combination of Social and biomedical standards in healthcare systems.
12. Algorithm Designing and implementation in Healthcare Databases
13. Spatial, Temporal and Sequential Medical Data Mining
14. Data Mining tools for analysis of Biomedical Data
15. Medical Imaging
16. Biostatistical analysis of health or clinical records
17. Clinical application of data mining for decision making
18. Various scalability techniques for processing of large databases
19. Ontology based study in context to data mining
20. Data mining with relevance to prognosis of disease
21. Framework for mining complex and large data, e.g. a combination of experimentation, images, and genomic samples
22. Knowledge based clinical data models
23. Visualization and imaging of medical data
24. Healthcare Internet of Things (IoT) system architectures. In mobile applications, health data exchange and interoperability are important.
25. AI and IoT technologies for healthcare automation design and evaluation
26. Hybrid AI and IoT-enabled healthcare solutions that are energy efficient.
27. Tools, methodologies, and infrastructure for developing and deploying AI and IoT-enabled healthcare systems.
28. Deep Learning techniques and Healthcare System Optimization, Deep Learning exploration and data mining of health records.
29. Long short-term memory (LSTM) healthcare, standards and interoperability are important, AI Healthcare Security and Privacy.

Submission Guidelines:

Researchers and practitioners are invited to submit papers for this special theme session on [session name] on or before [30th November 2022]. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://icicconf.com/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis. NOTE: While submitting paper in this special session, please specify [Session Name] at the top (above paper title) of the first page of your paper.