



CALL FOR PAPERS

Special Session on “Next-Gen of Healthcare: Revolutionizing Clinical Decision Making with Predictive Analytics”

Session Chair(s):

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Theme of Session:

Healthcare data is different from other industries data in terms of structure, importance, context, availability, usage. Healthcare sector is so challenging and related data are constantly explosive, healthcare organizations are focusing to improve the quality of care, decision making and deliver healthcare value by reducing medical costs, prevent disease and to promote wellness and care. To advance superior it requires an immaculate data analytics. Clinical decision support technology is becoming more popular among healthcare provider organizations to blend large volume of information. The fast rise of machine learning and artificial intelligence in clinical decision support has created excitement over the potential for providers to revolutionize diagnostics, including in the areas of pathology, radiology, and imaging. In order to provide successful decisions support, it should comply with basic requirements including: (i) rich contents in terms of knowledge, references, and data evidences, (ii) the capability of processing huge amounts of data with fast response times, and (iii) implementations that are intuitive, appealing, and able to catch users' attention while not delaying clinical actions.

The general purpose of this special session in International Conference on Intelligent Computing and Communication 2019 is to bring together researchers, academicians and sector employees from different fields and disciplines and provide them an independent platform to exchange information on their researches, ideas and findings about healthcare data and its analytics. It is also aimed to encourage debate on how big data can effectively support the healthcare in terms of diagnosis, treatment and population health, and to develop a common understanding for research conducted in this multidisciplinary field.



Topics of Interest:

We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to:**

Big Data, Machine Learning and Artificial Intelligence
Predictive and Prescriptive Analytics and Algorithm Development
Data Science and Business Intelligence
Clinical Decision Support Systems
Bioinformatics
Computer Vision in Healthcare
Healthcare Applications and Technologies
Security Challenges in eHealth Systems
Managing Data from genomic data, claim data, consumer wearable's.

Paper Submission Process:

Please submit your paper (in word/pdf format) at
email: rajkumarsrajkumar@gmail.com, ramani.selvam@gmail.com
with 'Name of Special Session: ' mentioned in the subject line.

Program Committee: Name(s), Affiliation(s)
K Marimuthu, Vellore Institute of Technology, Vellore
Usha Kiruthika, SRM University
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Kalaivani D, CMRIMS
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**For any further queries related to this special session, please contact the session chairs at:
E-mail ID: ramani.selvam@gmail.com / rajkumarsrajkumar@gmail.com**