CALL FOR PAPERS

SUBMISSION DUE DATE: **30-11-2018**

SPECIAL SESSION ON: **NEXT GENERATION SMART HEALTHCARE TECHNOLOGIES**

INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATION ICICC---2019

Guest Editor:

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INTRODUCTION:

This special session mainly focusing the state-of-the-art IoT technologies, Next-generation networking technologies for healthcare, Wireless Body Area Sensor Networks, Signal Processing and Analysis, Medical Imaging and Advanced Pervasive Healthcare Systems are used to monitor specific diseases/disorders of patients. The physiological data collected on medical devices are stored on a telemedicine enabled-cloud database. Nowadays, the number of medical devices generates large amounts of clinical data often called big data, including blood pressure, heart rate, images, body temperature, respiratory rate, blood circulation level, body pain and blood glucose level. The end-to-end clinical data connectivity involves the development of many technologies that should enable reliable and location-agnostic communication between a patient and a healthcare provider. The objective is to initiate conversations among technologists, engineers, scientists, and clinicians to synergize their efforts in producing low-cost, high-performance, highly efficient, deployable IoT systems in different medical applications. However, the main challenge in smart healthcare is how to manage with respect to critical applications, where a number of connected devices generate a large amount of medical data. This large volume of data, often called big data, cannot readily be processed by traditional data processing algorithms and applications.

Scientific and original research papers are invited in the following theme areas for oral presentations during the conference. We anticipate that the special session will open new entrance for further research and technology improvements in this important area. We expect that the special session will open new entrance for further research and technology improvements in this important area.

RECOMMENDED TOPICS:
Topics to be discussed in this special session include (but are not limited to) the following:

Telemedicine & Telecare
e-Health/m-Health
Internet of Medical Things
Medical Data Analysis and Visualization
Android App for Medical Use
Biomedical Signal Processing
Brain Computer Interface in Medicine
Blockchain for Healthcare
Remote Patient Monitoring
Medical Image Communication

Device-to-Device Communication for Healthcare
Wireless Body Sensor Networks
Cloud Computing/Fog Computing
Medical Data Protection Schemes
Cyber-physical systems for Healthcare
AI and Medical Decision Making
Smart Medical Devices
E-Health Big data
Ambient assisted living
Future/digital health cities
Cost and optimization
Quality of health
Health informatics

SUBMISSION PROCEDURE:
Researchers and practitioners are invited to submit papers for this special theme session on **"NEXT GENERATION SMART HEALTHCARE TECHNOLOGIES"** *on or before* **30-11-2018.** 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://icicc-conf.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 [**NEXT GENERATION SMART HEALTHCARE TECHNOLOGIES**] at the top (above paper title) of the first page of your paper.

All inquires should be should be directed to the attention of:

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Next Generation Smart Healthcare Technologies
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