SPECIAL ISSUE ON Integrity and Multimedia Data Management using Emerging Technologies in the Healthcare Applications

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INTRODUCTION:
In the present era of research and technology, several emerging concepts like Wireless Sensor Networks (WSN), Body Wireless Sensor Networks (BWSN), Internet of Things (IoT), Cloud, Fog, Edge, SDN and Big Data Analytics can support IoT for design and development of intelligent systems in diverse domains, e.g., Transportation, Education, Enterprise and Industry etc. Besides these systems, the role of IoT can be seen in different types of healthcare applications such as tele-healthcare system for chronic diseases, medications intake management support, homecare etc.
Emerging technology (Cloud, Fog, Edge, SDN, Big Data, IOT, Deep Learning\Confidence) computing provides scalability, flexibility, agility, and ubiquity in terms of data acquisition, data storage, data management and communications. The combination of multimedia and cloud for healthcare enhances many technical issues for many media-rich applications such as video streaming, serious games, rehabilitation exercise, health sports, e-healthcare and so forth. Some of the issues are: seamless access of medical media content by heterogeneous devices (e.g., mobile phone, laptop, and IPTV), resources capacity demands (e.g., bandwidth, memory, storage, and processors), medical multimedia's quality of service/Experience/Context (m-QoS/m-QoE/m-QoC) requirements, and dynamic resource allocation for processing of media content.

OBJECTIVE OF THE SPECIAL ISSUE:
The objective of this special issue is to concentrate on all aspects and future research directions related to this specific area of multimedia-based emerging technologies for the healthcare.

RECOMMENDED TOPICS:
Topics to be discussed in this special issue include (but are not limited to) the following:
- **Multimedia and Service Networking in E-healthcare**
- **Biomedical Image Processing**
- **Security and Privacy in Medical Data**
- **Artificial Intelligence and Machine Learning in Biomedical**
- **Neural Networks and Fuzzy Logic in Biomedical**
- **Biologically Inspired Computing**
- **IoT/Cyber Physical Systems for E-healthcare**
- **VANET/MANET/WSN Applications for E-healthcare**
- **Emerging Technology-based multimedia processing for healthcare**
- **Emerging applications for managing medical media data**
- **Real-time analytics on streaming medical media data**
- **Mobile multimedia emerging technologies for health care**
- **Emerging Technologies based health monitoring**

- **M-QoE/M-QoS/M-QoC variations in health- emerging technologies applications**
- **Emerging technologies -based remote display Protocol for health care**
- **Media-cloud based resource allocation approaches**
- **Emerging technologies based model for speech-enabling healthcare**
- **Emerging media cloud protocols, surveys, applications and new research approaches**

SUBMISSION PROCEDURE:
Researchers and practitioners are invited to submit papers for this special theme issue on Emerging Technologies in the **Integrity and Multimedia Data Management using Emerging Technologies in the Healthcare Applications** *on or before 15th December 2021*. All submissions must be original and may not be under review by another publication.

JOURNAL WEBPAGE:

https://benthamscience.com/journals/recent-advances-in-electrical-and-electronic-engineering/

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TENTATIVE DATES:
Submission due   15th March, 2021
Review due   15th April, 2021
Camera-ready copy   1st May, 2021
Expected Publication due   15th May, 2021

Note: For any query please drop a mail to editorial manager or corresponding guest editor.