Call for Papers (Special issue) on:

**IT technology-based Healthcare multimedia technology for Human-centered interaction**

The special issues on ‘IT technology-based Healthcare multimedia technology for Human-centered interaction’ covers a broad range of multimedia for IT Convergence Healthcare that play an important role in providing and managing IT Convergence Healthcare services to anyone, anywhere and anytime seamlessly that strongly focused on human. The availability of massive human data that including profiles, physical body, memory, body motion, voice and other data has created new research challenges and opportunities through various type of hardware, user interfaces and user experiences. IT technology-based health data consists of all kind of human related data such as voice, image, motion, brain, and emotion data, etc. With the emergence of human data as an important information technology in support of computational analytical methods for understanding relations in human health, it becomes possible to use wearable sensors, data mining, image recognition, behavior modeling, affective computing to provide more precise recommendations and more personalized services than ever.

Virtual and augmented reality technology is booming now, and it is expected that a lot of fascinating and novel new style of interactive multimedia and applications about IT technology-based healthcare will arise in the next few years. Therefore, this special issue is focused on the broad area of IT technology-based healthcare technology. It is a rapidly evolving area with growing applications including a part of economy as diverse as entertainment, broadcasting, education and professional training, publishing, and computer industry, as well as data and information communication.

The topics of interest include, but are not limited to:
- Multimedia big data for healthcare applications
- Applying IT Technology to healthcare
- IoT based healthcare system
- Big data for healthcare
- Data Mining for healthcare
- Health record management
- Cyber Security in Healthcare
- Training & Simulation for Health
- IT Technology-based healthcare service management
- Public Healthcare Informatics
- Sensor and RFID technologies for e-health
- Context-aware e-Health services and applications
- Telemedicine Software, Portals, Devices and Telehealth.
- Cloud-based healthcare Services
- Collaborative IT Technology-based healthcare
- Home-based IT Technology-based Healthcare
- Wearable health monitoring
- Haptics for Surgical/medical Systems
- Smart diagnosis and predictive evaluation for smart healthcare
- Virtual and Augmented Reality
- Human-centered data mining

Schedule:
- deadline for submissions: Apr 30, 2021
- first decision (accept/reject/revise, tentative): Jul 31, 2021
- submission of revised papers: Aug 31, 2021
- notification of final decision (tentative): Sep 30, 2021
- journal publication (tentative): Oct 31, 2021

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Submission Guideline:
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