

Special Issue on **Applications of Internet of Multimedia Things and Interactive Multimedia Technology**

CALL FOR PAPERS

In recent years, Internet of Multimedia Things (IoMT) has been more and more popular. Several techniques and applications of IoMT (e.g., driving records, security cameras, and video surveillance system) have been implemented and produced for living services. However, the transmission protocols of Internet of Things (e.g., oneM2M, AllJoyn, Open Connectivity Foundation (OCF), Message Queue Telemetry Transport (MQTT), and Constrained Application Protocol (CoAP)) are mainly used for the transmission of control signals. Therefore, designing and scheduling the multimedia transmissions for IoMT is an important issue.

Furthermore, several applications of interactive multimedia techniques (e.g., augmented reality (AR) and query answering system (QAS)) based on IoMT techniques have been designed and performed in mobile devices for the improvement of human-computer interaction (HCI). For instance, image-based AR and location-based AR were applied and implemented in mobile devices for navigation, travel services, learning, mobile commerce, advertising services, games, and so on. The camera of mobile device can capture image streams, and these image streams can be recognized for image-based AR services. The location of mobile device can be determined by global positioning system (GPS) or mobile positioning methods, and the location-based services (LBS) and location-based AR can be obtained in accordance with location information. The techniques of image recognition and locations positioning are important in these services and applications. However, improving image recognition techniques for the big data of images and performing mobile positioning techniques for the amelioration of location positioning are the challenges of these applications.

This special issue will solicit papers on various disciplines of traffic information management.

Potential topics include but are not limited to the following:

- ▶ Applications of Internet of Multimedia Things
- ▶ Techniques of Internet of Multimedia Things
- ▶ Techniques of multimedia transmission protocols
- ▶ Techniques of multimedia transmission standards
- ▶ Scheduling of multimedia transmission
- ▶ Applications of interactive multimedia technology
- ▶ Applications of human-computer interaction
- ▶ Applications of query answering system
- ▶ Applications of augmented reality and virtual reality

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Manuscript Due

Friday, 6 January 2017

First Round of Reviews

Friday, 31 March 2017

Publication Date

Friday, 26 May 2017