



Call for Papers

Special Issue on Visions and Challenges on Internet of Multimedia Things (IoMT)

Springer Journal *Multimedia Tools and Applications*

Editor-in-Chief: Borko Furht

<http://www.springer.com/journal/11042>

Scope and Objectives

We're currently shifting from the Information Age to the Intelligence Age. The Intelligence Age will be characterized by autonomous communication between intelligent devices that are sensitive to a person's presence and respond by performing a specific task that enhances that person's lifestyle.

In this perspective, the Internet of Things envisages a plethora of heterogeneous objects interacting with people and the physical environment.

In the last decade there have been enormous growths in multimedia traffic on the global inter-network, due to the huge interest in development and usage of multimedia based applications and services.

But the Internet of Things (IoT) systems cannot successfully realize the notion of ubiquitous connectivity of everything if they are not capable to truly include 'multimedia things'. Since the currently research activities are not concentrated to the feature of multimedia object, there is still a gap to benefit from multimedia content based services and applications.

Topics

The aim of the proposed Special Issue is to promote research and reflect the most recent advances and researches focused on the Internet of Multimedia Things, with emphasis on the following aspects, but certainly without limitation to them:

The list of topics includes, but is not limited to:

- Internet of Multimedia Things (IoMT);
- Architecture for IoMT;
- Multimedia Communications for IoMT;
- Multimedia Sensing;
- Multimedia-aware cloud;
- Multimedia processing Technologies for IoMT;
- Multimedia Compression Techniques for IoMT;
- Wireless Multimedia Systems;

- Wireless Multimedia Sensor Network for IoMT;
- IoMT multimedia devices;
- QoS for Multimedia IoMT networks;
- Real-time multimedia data processing for IoMT;
- Multimedia applications for IoMT.

Submission Guideline

Authors should prepare their manuscript according to the Guide for Authors available from the online submission page at <http://www.springer.com/computer/information+systems+and+applications/journal/11042>. All the papers will be peer-reviewed following the Multimedia Tools and Applications reviewing procedures.

Important dates (proposal)

Submission due: 1 Feb. 2017
Notifications to authors: 1 Apr. 2017
Date for submission of final paper: 1 May 2017

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<http://www.springer.com/journal/11042>

Multimedia Tools and Applications

An International Journal

Editor-in-Chief: Furht, B.

ISSN: 1380-7501 (print version)

ISSN: 1573-7721 (electronic version)

Journal no. 11042