



CALL-FOR-PAPERS

Multimedia Tools and Applications (MTAP)

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SPECIAL ISSUE ON

Multimedia Big Data

Overview:

Multimedia is increasingly becoming the “biggest big data” as the most important and valuable source for insights and information. The pervasiveness of mobile devices & consumer electronics and the popularity of Internet & social networks have generated huge amounts of multimedia information in various media types (such as text, image, video, and audio) shared among a large number of people. This creates the opportunities and intensifies the interest of the research community in developing methods to address multimedia big data challenges for real world applications. Providing solutions to multimedia data such as images and videos brings about a higher level of difficulty at attempting to understand their semantic meaning.

The special issue aims at present a collection of high quality research papers on the state-of-the-art in the emerging technologies for the applications of multimedia big data analysis. We are soliciting original contributions that have not been published and are not currently under consideration by any other journals. Both theoretical studies and state-of-the-art practical applications are welcome for submission. All submitted papers will be peer-reviewed and selected on the basis of both their quality and their relevance to the theme of this special issue.

Topics

Topics of interest include, but are not limited to, the following scope:

<ul style="list-style-type: none">– Multimedia big data systems– Semantic retrieval of multimedia big data– Deep learning and cloud computing for multimedia big data– New theory and models for multimedia big data computing– Ultra-high efficiency compression, coding and transmission for multimedia big data– Content analysis and mining for multimedia big data	<ul style="list-style-type: none">– Security and privacy in multimedia big data– Green computing for multimedia big data (e.g., high efficiency storage)– Interaction, access, visualization of multimedia big data– Novel and incentive applications of multimedia big data in various fields (e.g., search, healthcare, transportation, and retail)
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Important Dates

- **Manuscript submission deadline: March 31, 2017**
- Notification of acceptance: June 30, 2017

- Submission of final revised paper: August 31, 2017
- Publication of special issue: To be determined.

Submission Procedure

Authors should follow the MTAP Journal manuscript format described at the journal site. Manuscripts should be submitted on-line through <http://www.editorialmanager.com/mtap/>. Please select: 1069 – Multimedia Big Data as the article type.

A copy of the manuscript should also be emailed to the Corresponding Guest Editor at the following email address(es) pkuwalter@gmail.com

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