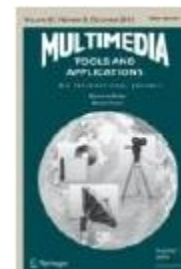


Multimedia Tools and Applications

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Call for Papers

Special Issue on

Multi-platform Multimedia Data Analysis and Modeling

■ Overview

In the Web 2.0 era, many multimedia sharing platforms (e.g., Flickr, YouTube, and Facebook) have been gaining intensive attentions and provide different types of services. A huge number of multimedia data, such as text, image/video, and social interactions, have been shared on these social media sites. The emergence of social media platforms brings challenges and opens new opportunities for the research on multi-platform multimedia data. Actually, with the rise of social media platforms, the same topic is recorded in different social platforms by different formats such as video on YouTube, image on Flickr or tweet on Twitter. But these platforms are not isolated and can exchange information with each other via the information conveyed from the shared media. In addition, the analysis of cross platform documents is promising to finely understand the content from different perspectives and provide broader insight about any given topic. In past years, multi-platform multimedia analysis and modeling has received intensive attentions from academic community. And researchers have begun to realize the importance of cross-platform user data in social media analysis and applications. Some research efforts are dedicated to developing potential solutions to analyze the content between different platforms.

This special issue aims at capturing the recent advances in this growing trend and introducing them to readers. The goals of this special issue are threefold: (1) to introduce novel research work and systems on multi-platform multimedia analysis; (2) to survey the progress of this area in the past decade; and (3) to discuss new technologies that will be potentially impactful.

■ Topics of Interest

Preferred topics in this issue include (but are not limited to):

- Multi-platform multimedia modeling
- Multi-platform multimedia management
- Deep learning theories in multi-source data

- Transfer learning methods in multi-platform multimedia data
- Cross-platform multimedia retrieval
- Cross-platform multimedia recommendation
- Multi-platform multimedia Tagging
- Multi-platform multimedia knowledge mining
- Multimedia question-answering with multi-platform data
- Crowdsourcing multimedia applications
- Multi-platform user relationship analysis
- Multi-platform multimedia dataset collection methods
- Real-world applications on multi-platform systems
- Survey papers regarding multi-platform multimedia analysis

■ Paper Submission

Submitted papers should present original, unpublished work, relevant to one of the topics of the Special Issue. All submitted papers will be evaluated on the basis of relevance, significance of contribution, technical quality, scholarship, and quality of presentation, by at least three independent reviewers. It is the policy of the journal that no submission, or substantially overlapping submission, be published or be under review at another journal or conference at any time during the review process.

Manuscripts should be submitted online at <https://www.editorialmanager.com/mtap/> choosing “1108 - Multi-platform Multimedia Data Analysis and Modeling” as article type. For more information, please refer to the “Instructions for Authors” page at the journal website, <http://www.springer.com/journal/11042>.

■ Proposed Guest Editors

- Dr. **Xueliang Liu** (liuxueliang@hfut.edu.cn), Hefei University of Technology, China.
- Dr **Hanwang Zhang** (hanwangzhang@ntu.edu.sg), Nanyang Technological University, Singapore
- Dr **Benoit Huet** (huet@eurecom.fr), EURECOM, France

■ Important Dates

- Submission Due: 31 May, 2018