



Special Issue on Connected Multimedia

TOPICAL THEME

Social media has received extensive attention recently and has become a very popular research area due to its wide spectrum of applications. We note that even though the whole area of social media is very popular in the literature, there are a group of research issues that are related to the social-cultural constraints in the social media study that have not yet received sufficient attention. In this context, we group all these issues together under the umbrella of a new sub-area of social media that we call *connected multimedia*.

Consequently, by connected multimedia, we mean the study of the social and technical interactions among users, multimedia data, and devices across cultures and the explicit exploitation of cultural differences. Hence, connected multimedia involves the three elements – the users, the multimedia data, and the devices – with two perspectives – the social focus and the cultural focus. In short, connected multimedia is about multimedia content and connection across community and cultural boundaries. In comparison with those existing research areas including social media as its super-area and human centered computing, we here emphasize that connected multimedia pays more attention to the cultural difference. The definition of the social side is broader than just national cultures; it possibly includes cultures of groups, disciplines, organizations, communities, ethnicities, religions, and nations. This emphasis distinguishes connected multimedia from all other existing areas, which may claim to include some of these aspects, among many others.

The purpose of this special issue on connected multimedia is to further exploiting social and cultural constraints for distributed multimedia computing.

Examples of the connected multimedia problems include but are not limited to:

- Internet multimedia search
- Multimodal and networked surveillance
- Sensor data understanding and mining
- Human behavior understanding under specific cultural constraints
- Social network community discovery and tracking
- Social relationship identifications in imagery/video data
- Multimedia collaborative filtering
- Social games

IMPORTANT DATES

Paper submission deadline	April 15, 2011
Notifications of the first round of reviews	June 1, 2011
Deadline of the revised submissions	July 15, 2011
Final decisions for all the accepted papers	Aug 15, 2011
Publication of the special issue	Oct, 2011

PAPER SUBMISSION

Prospective authors should submit high quality and original contributions that have not appeared, nor are under consideration, in any other journals. Submissions should follow the guidelines of Journal of Multimedia, which can be found at: <http://www.academpublisher.com/jmm/forauthors.html>. For further questions or inquiries, please contact the corresponding Guest Editor, Dr. Zhongfei Zhang by Email at: zhongfei@cs.binghamton.edu.

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