

IEEE

Multimedia

Collaborative Tagging of Multimedia

Overview

Online communities increasingly provide rich channels for multimedia interaction and communication among users. As user-generated multimedia content has undergone tremendous growth, there has been increasing interest in collaborative tagging as a method of multimedia organization. In absence of any professional metadata creation, these crowd-sourcing collaborative tagging approaches have shown real value in supporting user access to online multimedia content. However, numerous technical problems remain for effectively leveraging user communities for multimedia content enrichment—such as dealing with ambiguity and synonymy in tags, lack of vocabulary control, and so on. On the other hand, recent research has produced significant results for automatically tagging image video and audio content using multimedia content analysis tools. As social networks and multimedia content networks come together, there are significant opportunities for gaining new insights into user and machine tagging of multimedia and the relationships they create—such as users-and-content, users-and-users, and content-and-content—which provide new ways for users to organize, share, and consume online multimedia.

Call for papers

In this special issue we explore emerging work related to collaborative tagging of multimedia. The topics of interest include, but are not limited to, the following areas:

- collaborative multimedia tagging systems,
- linking social and content networks,
- hybrid collaborative- and machine-learning techniques for tagging,
- pattern discovery and mining tag networks,
- knowledge acquisition, as well as searching and indexing multimedia content in collaborative scenarios, and
- online gaming and novel models for collaborative tagging.

Guest editors

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Submission procedures and deadlines

Submit your paper at <http://cs-ieee.manuscriptcentral.com>. When uploading your paper, please select the appropriate special issue title under the category “Manuscript Type.” If you have any questions, please contact Alkenia Winston at mm-ma@computer.org.

To submit a paper for this special issue, please observe the following deadlines:

- **20 May. 2007:** One-page abstract, the names, affiliations, and contact details of the author(s), (sent to the guest editors via email).
- **8 July 2007:** Full paper, which must be submitted using our online manuscript submission service and prepared according to the instructions for authors (please see the Author Resources page at <http://www.computer.org/multimedia/author.htm>).
- **15 Oct. 2007:** Authors notified of acceptance, rejection, or needed revisions.
- **30 Nov. 2007:** Revisions due.
- **30 Dec. 2007:** Final versions due.

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