

IEEE

MultiMedia

Call for Papers: Large Scale Geo-Social Multimedia Computing

Submission deadline: 15 Aug. 2013

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With the advance of the Web 2.0 era, there is an explosive growth of geographical multimedia shared on social network websites such as Flickr, YouTube and Zoomr. Rather than simply searching for and passively consuming media content, these media repositories allow users to create and exchange their own media data (including videos, images, music, blogs and so on) for social interaction, which has revolutionized our social lives and underscores a transformation of the Web as fundamental as its birth. In addition to the plain visual signals, more and more social media is also associated with rich location context such as GPS tags, location name identifications and metadata, benefiting a wide variety of potential multimedia applications such as annotation, visual search and contextual media recommendation, multimedia mining and so on. Recently, research on the location aware media description, modeling, learning, and application in pervasive social media analysis has become very popular. Such location context makes the traditionally difficult problems in multimedia content analysis become more tractable. For example, large-scale image repositories can be significantly pruned if we use GPS information to filter out the irrelevant images with respect to the query image. We see a timely opportunity for organizing a special issue to bring together active researchers to share recent progress in this exciting area. This special issue serves as a forum for researchers all over the world to discuss their works and recent advances in recognition and mining of geographical aware social multimedia. Both state-of-the-art works, as well as literature reviews, are welcome for submission. To provide readers of the special issue with a state-of-the-art background on the topic, we will invite one survey paper, which will undergo peer review.

This special issue seeks to present and highlight the latest developments on large scale multiple evidence learning for multimedia analysis. Papers addressing interesting real-world applications are especially encouraged. Topics of interest include, but are not limited to,

- Location extraction, description, and modeling in social multimedia
- Context and content fusion in location based social multimedia tagging
- Location aware pervasive multimedia computing and communication
- Cross-media data mining for social media retrieval
- Mobile visual search with rich location context

- Geographical tagging and mining of social media
- Location based services and user behavior mining
- Location search and recognition oriented data collection and benchmarking
- Scene summarizing, landmark recognition and mining
- 3D scene modeling and virtual city navigation
- Tourism recommendation from geo-tagged multimedia on the Web

Submission Procedures

Submit your paper at <https://mc.manuscriptcentral.com/cs-ieee>. When uploading your paper, please select the appropriate special issue title under the category "Manuscript Type." (Contact mm-ma@computer.org with any questions regarding the submission system.) All submissions will undergo a blind peer review by at least two expert reviewers to ensure a high standard of quality. All submissions must contain original, previously unpublished research or engineering work. Papers must stay within the following limits: maximum of 6,500 words, 12 total combined figures and tables with each figure counting as 200 words toward the total word count, and 18 references.

Questions?

- For more information about the special issue focus, contact the guest editors.
- For general author guidelines, see www.computer.org/multimedia/author.
- For submission details, email multimedia@computer.org.
- To submit an article, visit <https://mc.manuscriptcentral.com/mm-cs> and click on "Special Issue on Large Scale Geo-Social Multimedia Computing."

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