CALL FOR PAPERS

Multimedia Systems (Springer)

Special Issue on

Social Media Mining and Knowledge Discovery

With the rapid advances of Internet and Web 2.0, social networking and social media become more and more popular in humans' daily lives. The ubiquitous nature of Web-enabled devices, including desktops, laptops, tablets, and mobile phones, enables users to participate and interact with each other in various Web communities, including photo and video sharing platforms, forums, newsgroups, blogs, micro-blogs, bookmarking services, and location-based services. The rapidly evolving social networks provide a platform for communication, information sharing, and collaboration among friends, colleagues, alumnus, business partners, and many other social relations. To be accompanied by, increasingly rich and massive heterogeneous media data has been generated by the users, such as images, videos, audios, tweets, tags, categories, titles, geo-locations, comments, and viewer ratings, which offer an unprecedented opportunity for studying novel theories and technologies for social media analysis and mining. While researchers from multidisciplinary areas have proposed intelligent methods for processing social media data and employing such rich multi-modality data for various applications, it is of high interest to discover potentially important knowledge by social media mining in this nascent field.

Recently, more and more research efforts have been dedicated to the aforementioned challenges and opportunities. This special issue aims to introduce novel techniques, algorithms and systems regarding social media mining and knowledge discovery. Topics of interest include but not limited to:

- Theoretical analysis on social media mining
- Social media analysis, organization, tagging, and classification
- Social media based knowledge discovery
- Community detection and clustering in social media
- Cross space heterogeneous media analysis
- Social network analysis and social influence analysis
- Information spread and transformation in social media
- Ontology construction and inference for social media analysis
- Cross-media analysis in social media networks
- Cross-network analysis between social networks
- Spatio-temporal analysis for event discovery and detection
- Behavior analysis in social media
- Credibility and provenance of social Web content
- Modeling and mining context in social media
- Social media based mobile applications
- Social media as training data for visual learning
- Distributed/parallel algorithms and platforms for large-scale social media computation

Submission Details

Submit your paper at https://www.editorialmanager.com/mmsj/ and select "SI:SMMKD" as the "Manuscript Type". All the submissions should be original and unpublished work. If submissions are based on previously published conference/workshop papers, they must contain at least 30% new materials. Furthermore, please state in the cover letter what the new contributions and changes are. All the accepted papers should be full journal length versions and follow the guidelines set out by MMSJ. All the papers will be peer-reviewed following the MMSJ reviewing procedures.

Schedule

·Paper submission due: Aug. 01, 2012
·First-round acceptance notification: Oct. 31, 2012
·Revision: Jan. 01, 2013
·Final decision: Mar. 31, 2013
·Publication date: Autumn 2013 (Tentative)

Guest Editors:

Jinhui Tang	Nanjing University of Science and Technology	jinhuitang@mail.njust.edu.cn
Dacheng Tao	University of Technology, Sydney	dacheng.tao@uts.edu.au
Guo-Jun Qi	University of Illinois at Urbana-Champaign	qi4@illinois.edu
Benoit Huet	EURECOM, France	Benoit.Huet@eurecom.fr

http://www.springer.com/journal/530

Multimedia Systems
Editor-in-Chief:Th. Plagemann
ISSN: 0942-4962 (print version)
ISSN: 1432-1882 (electronic version)
Journal no. 530