

# Call for Papers

ACM Transactions on Intelligent Systems and Technology ([ACM TIST](#))  
Special Issue on *Social Media Processing*

With the blessing of information technology, we are living in an increasingly networked world. People, information and other entities are connected via World Wide Web, email networks, instant messaging networks, mobile communication networks, online social networks, etc. These online networks grow fast and possess huge amount of recorded information, which presents great opportunities in understanding the science of these networks, and in developing new applications for these networks. However, new challenges have to be met --- the networks are huge and information is noisy, and they demand new methodologies in analyzing these networks, and in developing theories and applications for the networks.

## Topics of Interest

The goal of the special issue is to provide a forum for presenting the most recent advances in data mining on social media processing, related to Web search and information retrieval, Web mining, social network analysis, semantic Web, natural language processing, and computational advertising. We are particularly interested in articles that address how to handle crisis and disaster situations through the help of social Web and mining. Topics of interest include but are not limited to:

- Social content processing
- Social network analysis and complex systems
- Communities discovery and analysis in large scale online and offline social networks
- Personalization for search and for social interaction
- Recommendations for product purchase and establishment of social relations
- Misbehavior detection in communities
- Web mining algorithms for clickstreams, documents and search streams
- Link prediction and recommendation
- Social media and network visualization
- Evolution of communities in the Web
- Dynamics and evolution patterns of social networks, trend prediction
- Temporal analysis on social networks topologies
- Ads. in social networks and viral marketing
- Multi-agent based social network modeling and analysis
- Application of social network analysis
- Role identification and relation analysis in social network
- Collective social network integration and analysis

## Manuscript Submission

Please submit your manuscript through the ACM TIST submission system at <http://mc.manuscriptcentral.com/tist> (select "Special Issue: Social Media Processing" as the manuscript type). Submissions must adhere to the ACM TIST

instructions and guidelines for authors available at

<http://tist.acm.org/authors.html>.

Details of the journal, manuscript preparation, and recent articles are available on the website: <http://tist.acm.org/>.

## Important Dates

Submission of full papers: ~~December 31st, 2015~~ Jan 31st, 2016!

First round notification: March 10th, 2016

Final notification of paper acceptance: May 10th, 2016

Camera ready: July 1st, 2016

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