



# Workshop on Finding Synergies Between Texts and Networks

## CALL FOR PAPERS AND PARTICIPATION

In social computing, the structure of socio-technical networks and the content produced by these networks are inherently intertwined, but they are often analyzed separately. We invite researchers from various disciplines to discuss ways to find synergies between text analysis and network analysis.



At this workshop, we will be

- *Initiating a dialogue about and in-depth look* at the methodologies used in social network analysis and text analysis,
- *Discussing holistic approaches* for combining network and text analysis,
- *Sharing and defining needs* for data sets that include content and metadata,
- *Illustrating informative data analysis results* from the combination of text and network analysis, and
- *Presenting novel applications* combining text and network analysis including their validations



Workshop participants will represent a diverse set of communities including:

- Statistical natural language processing
- Computational linguistics
- Social network analysis
- Social media analytics
- Social science
- Opinion mining
- Machine learning

We welcome papers from researchers with expertise in one or more of the following topics and a keen interest in integrating network analysis and text analysis to create synergistic effects. Participants will be selected based on their technical merit and potential for contributing to the theme of the workshop.

- Combining network analysis and text analysis of social media including blogs, microblogs, social network services (SNS)
- Opinion and emotion analysis using text and network analysis
- Propagation processes using text and network analysis
- Jointly modeling networks and contents for machine learning and data mining
- Trust, reputation, and privacy in online social contexts
- Social media data collection and data repositories for content and network analysis



Prepare your manuscript with IEEE conference paper styles. (<http://www.ieee.org/web/publications/pubservices/confpub/AuthorTools/conferenceTemplates.html>) All papers will be peer-reviewed by a single-blind review process, and if the paper is accepted, at least one of the authors must attend the workshop to present the work. Accepted papers will be published in the workshop section of IEEE SocialCom-2010 Proceedings and the IEEE Digital Library.

## Important Dates

**May 8, 2010**

Submission Deadline

**June 1, 2010**

Acceptance Notifications

**June 15, 2010**

Camera-Ready Deadline

## Paper Formats

**Up to 6 Pages Research Papers**  
**Up to 4 Pages Work-in-Progress and Position Papers**

## Organizers

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## Program Committee

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Visit us on the Web at

<http://www.csail.mit.edu/~aob/workshop.html>  
for information and updates.