

Workshop on Link Analysis, Counterterrorism and Security Call for Papers

26th April, 2008
Hyatt Regency Hotel
Atlanta

at the SIAM International Conference on Data Mining.

Important Dates

Submission deadline: 28th December, 2007

Notification of acceptance: 18th January, 2008

Camera ready copy due: 14th February, 2008

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- **David Hicks**, Aalborg University, Denmark.
- **Simeon Simoff**, University of Technology, Sydney.
- **Carey E. Priebe**, Johns Hopkins University.
- **John Gersh**, Johns Hopkins University.
- **Antonio Sanfilippo**, PNNL.
- **Bülent Yener**, RPI.
- **Chris Diehl**, Johns Hopkins University.
- **Mark Maybury**, MITRE.
- **Paul Kantor**, Rutgers.

Scope

This workshop is the fifth workshop on this topic at the SIAM International Data Mining Conference. The workshop attracts a mixture of academics, and security and law-enforcement and counterterrorism practitioners.

The workshop provides a venue in which to present early work in relevant areas. An online proceedings will be created, and hardcopy proceedings will be available to conference attendees (and through SIAM afterwards). However, authors may retain copyright.

Industrial organizations with products that are suitable for analyzing large datasets may also wish to participate, either directly in the workshop or in an industrial track in the main conference.

Topics of Interest:

- Link analysis
- Graph mining
- Relational data mining
- Social Network Analysis
- Dynamic network analysis
- Web mining applied to security, law enforcement and counterterrorism
- Text mining applied to security, law enforcement and counterterrorism
- Scalability of algorithms
- Visualization of link structures
- Performance evaluation measures
- Innovative applications related to link analysis
- Privacy issues

Papers on any of these issues, and related topics, are welcome provided that their primary focus is on terrorism and counterterrorism, or law enforcement and related issues such as money laundering interdiction.

This year a special focus will be the **VAST dataset**, The dataset consists of: about 1500 news stories from a fictitious newspaper plus a few other items collected by the previous investigators; about 150 blog entries, a few pictures (in jpg format), a few small databases (in XLS and CVS format), and a few pages of background information (in .DOC or PDF format).

The dataset has already been analyzed in the context of the VAST 2007 conference. The intent for this workshop is not to set up an explicit challenge problem (the 'correct' answers will be available before the workshop submission deadline), but to provide a way to compare the power and usefulness of a wide range of different analysis technologies on the same base data.

A starting point for obtaining the data is: [here](#). (Note that it is the 2007 data that we will be using.)

A workshop session will be devoted to papers presenting results from this dataset. The concurrent Text Mining Workshop will also accept submissions related to this dataset that are primarily concerned with text mining, and sessions will be scheduled, if required, to allow attendees to attend both.

The workshop is an integral part of the SIAM International Data Mining Conference, which takes place from 24-26th April 2008, and no separate registration is required.