ASONAM

Call for Papers

ASONAM: The 2012 International Conference on Advances in Social Networks Analysis and Mining

August 26–29, 2012 * Istanbul, Turkey *

http:// asonam2012.etu.edu.tr

The study of social networks originated in social and anthropology. In recent years, social network research has advanced significantly due to the major into automated tools; the development of sophisticated techniques for Social Network Analysis and Mining (SNAM) has been highly influenced by the online social Web sites, email logs, phone logs and instant messaging systems, which are widely analyzed using graph theory, data mining and machine learning techniques. People perceive the Web increasingly as a social medium that fosters interaction among people, sharing of experiences and knowledge, group activities, community formation and evolution. This has led to a rising prominence of SNAM in academia, politics, homeland security and business. This follows the pattern of known entities of the society that have evolved into networks in which actors are increasingly dependent on their structural embedding.

The international conference on Advances in Social Network Analysis and Mining (ASONAM 2012) will primarily provide an interdisciplinary venue that will bring together practitioners and researchers from a variety of SNAM fields to promote collaborations and exchange of ideas and practices. ASONAM 2012 is intended to address important aspects with a specific focus on the emerging trends and industry needs associated with SNAM. The conference solicits experimental and theoretical works on social network analysis and mining along with their application to real life situations.

General areas of interest to ASONAM 2012 include information science and mathematics, communication studies, business and organizational studies, sociology, psychology, anthropology, applied linguistics, biology and medicine.

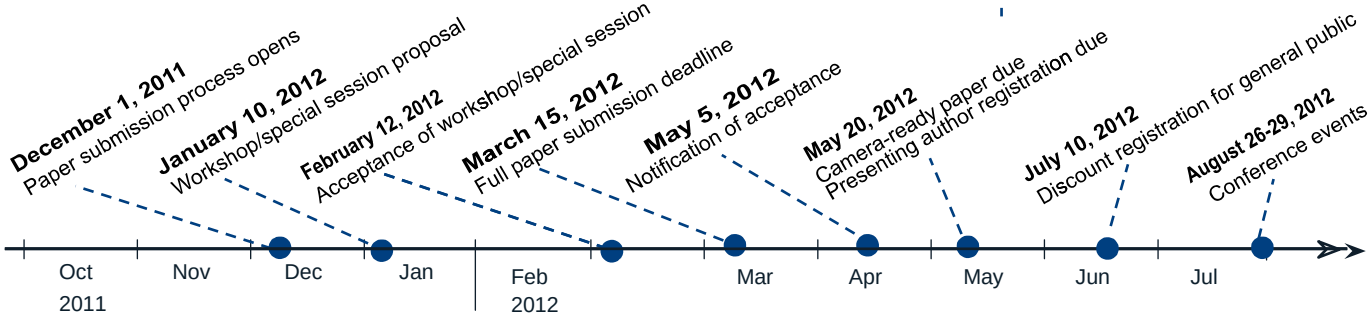
More specialized topics within ASONAM include, but are not limited to:

- Adoption of new services on social network platforms
- Agent based social simulation, agent based computational models
- Anomaly detection in social network evolution
- Application of social network analysis
- Application of social network mining
- Communities discovery and analysis in large scale online social networks
- Communities discovery and analysis in large scale offline social networks
- Connection between biological similarities and social network formulation
- Contextual social network analysis
- Contextual social network mining
- Crime data mining and network analysis
- Cyber anthropology
- Dark Web
- Data models for social networks and social media
- Data protection inside communities
- Detection of communities by document analysis
- Dynamics and evolution patterns of social networks
- Economical impact of social network discovery
- Evolution of patterns in the Web
- Evolution of communities in the Web
- Evolution of communities in organizations
- Geography of social networks
- Impact of social networks on recommendations systems
- Incorporating social information in query processing and query optimization
- Information acquisition and establishment of social relations
- Influence of cultural aspects on the formation of communities
- Knowledge networks
- Large-scale graph algorithms for social network analysis
- Misbehavior detection in communities
- Migration between communities
- Multi-Actor/Multiple-Relationship Networks
- Multi-agent based social network modeling and analysis
- Open source intelligence
- Pattern presentation for end-users and experts
- Personalization for search and for social interaction
- Preparing data for Web mining
- Political impact of social network discovery
- Privacy, security and civil liberty issues
- Recommendations for product purchase, information acquisition and establishment of social relations
- Recommendation networks
- Scalability of social networks
- Scalability of Search algorithms on social networks
- Social and cultural anthropology
- Social geography
- Social psychology of information diffusion
- Spatial networks
- Statistical modeling of large networks
- Temporal analysis on social networks topologies
- Trust networks, evolution of trust
- Visual representation of dynamic social networks
- Web mining algorithms
- Web communities

Instructions for Authors

Papers reporting original and unpublished research results pertaining to the above topics are solicited (Proceeding indexed by EI). **Full paper submission deadline is March 15, 2012**. These papers will follow an academic review process. Full paper manuscripts must be in English with a maximum length of 8 pages (using the IEEE two-column template). *Submissions should include the title, author(s), affiliation(s), e-mail address(es), tel/fax numbers, abstract, and postal address(es) on the first page.* Papers should be submitted to the conference Web site: asonam2012.etu.edu.tr. If Web submission is not possible, manuscripts should be sent as an attachment via email to ozyer@etu.edu.tr by March 15, 2012. The attachment must be in PDF or Word .doc format.

Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Authors should certify that their papers represent substantially new previously unpublished work. Paper submission implies that the intent is for one of the authors to present the paper if accepted and that at least one of the authors must register for a full conference fee and attend the conference to present the paper. ***Proceedings will be published by the prestigious IEEE CS -- CPS***



Honorary Chairs
Erol Arkun *Bilkent University*
Jiawei Han *University of Illinois at Urbana-Champaign*
Alvin W. Wolfe *University of South Florida*

General Co-Chairs
Fazli Can *Bilkent University*
Kathleen Carley *Carnegie Mellon University*
Irwin King *The Chinese University of Hong Kong*
Philip S. Yu *University of Illinois at Chicago*

Program Co-Chairs
Fakhri Karray *University of Warerloo*
Faruk Polat *Middle East Technical University*

Industry Track Co-Chair
Charu Aggarwal *IBM T.J. Watson Research Center*

Sponsorship Co-Chairs
Hanghang Tong *IBM T.J. Watson Research Center*

Tutorials Co-Chairs
Ralf Klamma *RWTH Aachen University*
Huan Liu *Arizona State University*
Jie Tang *Tsinghua University*

Workshop Co-Chairs
Przemyslaw Kazienko *Wrocław University*
VS Subrahmanian *University of Maryland*
I-Hsien Ting *National University of Kaohsiung*

Panels, Exhibits and Demos Co-Chairs
Hasan Davulcu *Arizona State University*
Katina Michael *University of Wollongong*

Publicity Co-Chairs
Mehmet Kaya *Firat University*
Keivan Kianmehr *University of Western Ontario*
Ee-Peng Lim *Singapore Management University*
Mohamad Nagi *University of Bradford*

Publications Co-Chairs
Panagiotis Karampelas *Hellenic American University*
Jon Rokne *University of Calgary*

Local Arrangements Co-Chairs
Ahmet Bulut *İstanbul Şehir University*
Tansel Özyer *TOBB Economics and Technology University*

Registration Co-Chairs
Tansel Özyer
Mehmet Tan

Web Chair
Mehmet Tan *TOBB Economics and Technology University*

In cooperation with (all pending):

IEEE computer society
IEEE TCDE
ACM SIGMOD
acm In-Cooperation
sig web
SIGCHI
SIGSPATIAL
Springer