Call for Papers
Social Computing and Semantic Data Mining Symposium, ICNC 2017

Silicon Valley, USA, January 26-29, 2017
http://www.conf-icnc.org/2017/

Symposium Co-chairs

Qing Yang
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Scope

Social Computing and Semantic Data Mining Symposium will focus on the topics related to all aspects of the intersection of social behavior, computational systems, and semantic data mining. Of special interests in social computing are papers reporting on novel and practical solutions to social networks, mobile social sensing, service quality, trust, online auctions, modeling and analysis, reputation systems, computational social choice, tagging, game and so on. Of special interest in semantic data mining are papers reporting in large-scale and real-world semantic applications, methodology of semantic representation and large-scale data mining, machine learning, information retrieval, artificial intelligence in social contexts and so on. To ensure complete coverage of the advances in this broad area, the Social Computing and Semantic Data Mining Symposium solicits original contributions in, but not limited to, the following topical areas:

- Social Networks
- Social Media Analytics and Intelligent Social Media
- Social Service Science, Quality, Architecture
- Trust and Privacy in Social Contexts
- Social Networks/Media/Service System Design and Architectures
- Semantic Web Techniques
- Mobile Social Sensing
- Social Intelligence
- Social Behavior Modeling and Analysis
- Social Behavior Synthesis
- Opinion Representation, and Influence Process Modeling
- Reality Mining
- Real-world semantic applications
- Big Data Analytics and Storage
- Statistical Data Mining
- Data Mining, Machine Learning, Information Retrieval, Artificial Intelligence in Social Contexts
- Social signal Processing System Design and Architectures

Submission Guidelines

Please follow the author instructions at http://www.conf-icnc.org/2017/author.htm
Direct paper submission weblink of this symposium can be found at https://edas.info/N22341

Short biography of Co-chairs

Qing Yang

Dr Qing Yang (qing.yang@montana.edu) is a RightNow Technologies assistant professor in the Department of Computer Science, Montana State University (MSU). He received B.S. and M.S. degrees in Computer Science from Nankai University and Harbin Institute of Technology, China, in 2003 and 2005, respectively. He received Ph.D degree in Computer Science from Auburn University in 2011. His research interests include online social network, trust and security, and wireless networks. He has published papers in prestigious journals such as IEEE Transactions on Dependable and Secure Computing, ACM/Springer MONET, IEEE Internet of Things Journal, IEEE Communication Magazine, IEEE Network Magazine, in prestigious conferences such as INFOCOM, SECON, CNS, ICC, and GLOBECOM. Dr. Qing Yang serves as an Associate Editor of Wiley Security and Communication Networks (SCN). He is the leading guest editor of IEEE Wireless Communication Magazine special issue on "D2D communications with social awareness", a guest editor of International Journal of Distributed Sensor Network special issue on "recent advances of models and algorithms in wireless networks for cyber-physical systems". In addition, he also serves as the TPC chair of WASA 2016, co-chair of symposium on signal processing in mobile multimedia communication systems in GlobalSIP 2015, the tutorial and workshop co-chair of ACM MobiMedia 2015, the publicity co-chair of IEEE ISCC 2015. He is the TPC member for INFOCOM 2015, ICCCN 2013-2015, ICC 2014-2015, GLOBECOM 2012-2014, ICPP 2014, ACM SAC 2015 and ICNC 2012.

Nitin Agarwal

Dr. Nitin Agarwal (nxagarwal@ualr.edu) is an associate professor of Information Science at the University of Arkansas at Little Rock (UALR). His research interests lie in the areas of social computing; data mining and knowledge discovery in social media; modeling social dynamics; big "social" data analytics; and privacy. Toward this direction, he has developed an interdisciplinary research program on social computing at UALR with foundational as well as applicational contributions. Foundational contributions are made to computational social network analysis; social science theories such as collective action, collective behavior, and homophily; data mining; influence, trust, and privacy; and virtual organizations. The applicational contributions include, but not limited to, event analysis, monitoring cyberthreats through social media, smart health and wellbeing, social media in learning environments, networks and communication, and socially aware mobile networks. The research program brings together researchers from various disciplines such as, computer and information science, social science, economics, political science, communication and organization science, and computer and mobile networks and practitioners including defense analysts from NATO (Joint Forces Command, Brunssum), U.S. Naval Research Lab, Dillards, Acxiom, and @WalmartLabs. The research has resulted in publications at various prestigious forums including 5 books, 19 journal articles, 13 book chapters/encyclopedia entries, and over 50 conference proceeding papers. The research studies have resulted in Best Information System Publication of 2012 Award recognized by the AIS Senior Scholar Consortium, a Best Paper Award, and best paper nominees. He was recognized as one of "The New Influentials: 20 In Their 20s" by Arkansas Business for being among creative and talented individuals who have found not only early success in their profession but also show future potential to step up as a leader. He was recognized with the University-wide Faculty Excellence Award in Research and Creative Endeavors in 2015.

Dr. Agarwal has guest edited special issues on social computing for *Elsevier Journal of Systems and Software*, *Oxford's The Computer Journal*, *Springer's Lecture Notes in Social Networks*, *IEEE Communications Magazine*, *Elsevier Journal of Computational Science*, and *IEEE Internet Computing*. He is currently editing special issues on 'social media and security' for the *Journal of Digital Forensics, Security, and Law* and IGI *International Journal of Interactive Communication Systems and Technologies (IJICST)*.

Dr. Agarwal's research has been supported by grants from the U.S. National Science Foundation (NSF), U.S. Office of Naval Research (ONR), U.S. Air Force Research Lab (AFRL), and U.S. Army Research Office (ARO). Agarwal has a Ph.D. in Computer Science from Arizona State University with outstanding dissertation recognition. He obtained his Bachelors of Technology from Indian Institute of Information Technology and PhD in Computer Science from Arizona State University with