

Call for Papers

Social Computing and Semantic Data Mining Symposium, ICNC 2015

Anaheim, California, USA, February 16-19, 2015

<http://www.conf-icnc.org/2015/>

Symposium Co-chairs

Honggang Wang
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Scope

The 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/2015/author.htm> Direct paper submission weblink of this symposium can be found at <http://www.conf-icnc.org/2015/cfp.htm>

Short biography of co-chairs

Honggang Wang

Dr. Honggang Wang is an assistant professor at UMass Dartmouth. His research interests include Wireless Healthcare, Body Area Networks (BAN), Multimedia Communication, Cyber Security, Social Computing, Wireless Networks, Cyber-physical System and Data Mining. He has published more than 90 papers in his research areas, including more than 30 publications in prestigious IEEE journals such as IEEE TWC, IEEE TM, IEEE TVT, IEEE JSAC, IEEE TITB, IEEE TIFS, IEEE TSG, IEEE CM, IEEE NM, IEEE WCM, IEEE TNSM, IEEE TETC, IEEE System Journal and Pattern Recognition. He also published papers in prestigious conferences such as INFOCOM, ICDCS, ICC, Globecom and ICME.

He is the winner of the Best Paper Award of the 2008 IEEE Wireless Communications and Networking Conference (WCNC). He serves as a Lead Guest Editor of IEEE Journal of Biomedical and Health Informatics (J-BHI) special issue on "*Emerging Wireless Body Area Networks (WBANs) for Ubiquitous Healthcare*" in 2013, an Associate Editor of IEEE IoT (Interne of Things) Journal, a Guest Editor of IEEE IoT Journal special issue on "IoT for Smart and Connected Health", a Guest Editor of IEEE Sensors Journal, an Associate Editor of Wiley's Security and Communication Networks (SCN) Journal and Transactions on Emerging Telecommunications Technologies. He also serves as TPC Chair or Co-Chair for several conferences such as TPC Chair of 8th ICST/ACM International Conference on Body Area Networks (BODYNETS 2013) and TPC symposium Co-Chair of IEEE conference on communications 2015 (ICC 2015, Mobile and Wireless Networking symposium). He is the TPC member for IEEE INFOCOM 2013-2014, IEEE BSN 2014, IEEE ICC 2011-2013, IEEE Globecom 2010-2013, and IEEE ICME 2013. He serves on NSF panel 2012-2013. He currently serves as a Board Co-Director of IEEE MMTC (Technical Committee on Multimedia Communications) Services and Publicity.

Wei Ding

Wei Ding received her Ph.D. degree in Computer Science from the University of Houston in 2008. She has been an Assistant Professor of Computer Science in the University of Massachusetts Boston since 2008. Her research interests include data mining, machine learning, artificial intelligence, computational semantics, and with applications to astronomy, geosciences, and environmental sciences. She has published more than 90 referred research papers, 1 book, and has 2 patents. She is an Associate Editor of Knowledge and Information Systems (KAIS) and an editorial board member of the Journal of Information System Education (JISE), the Journal of Big Data, and the Social Network Analysis and Mining Journal. She is the recipient of a Best Paper Award at the 2011 IEEE International Conference on Tools with Artificial Intelligence (ICTAI), a Best Paper Award at the 2010 IEEE International Conference on Cognitive Informatics (ICCI), a Best Poster Presentation award at the 2008 ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems (SIGSPAITAL GIS), and a Best PhD Work Award between 2007 and 2010 from the University of Houston. Her research projects are currently sponsored by NASA and DOE. She is an IEEE senior member and an ACM member.

Gu Tao

Gu Tao is currently an Associate Professor in the School of Computer Science and Information Technology. Prior to joining RMIT, he was an Assistant Professor in the Department of Mathematics and Computer Science at the University of Southern Denmark. He obtained his Ph.D. degree in Computer Science from National University of Singapore in 2005, his M.S. degree in Electrical and Electronic Engineering from Nanyang Technological University, Singapore in 2001, and his B.Eng. degree in Automatic Control from Huazhong University of Science and Technology in 1990. He is a member of the IEEE and the ACM. Dr Gu's research interests are in the areas of mobile and pervasive computing, wireless sensor networks, distributed network systems, big data analytics, and online social networks. His publications appear in top-tier journals, including IEEE Transactions on Mobile Computing, IEEE Transactions on Parallel and Distributed Systems, IEEE Transactions on Knowledge and Data Engineering, IEEE Journal on Selected Areas in Communications, and top-tier conferences, including PerCom, UbiComp, INFOCOM, and ICNP.