

Jiliang Tang

CONTACT INFORMATION	428 S Shaw Ln Rm 3115 East Lansing MI, 48824	<i>Office:</i> Engineering Building 2507C <i>Voice:</i> (517) 4320608 <i>E-mail:</i> tangjili@msu.edu <i>Homepage:</i> http://www.cse.msu.edu/~tangjili/
RESEARCH INTERESTS	<ul style="list-style-type: none">• Social Network Analysis/Social Computing/Computational Social Science• Social Media Health/Social Interaction Analysis/Behavioral Analysis• Recommendations&Text Mining/Web Mining/Data Mining• Dimension Reduction/Similarity Learning/Machine Learning	
EDUCATION	Arizona State University, Tempe, Arizona USA <ul style="list-style-type: none">• Ph.D., Computer Science Beijing Institute of Technology, Beijing, China <ul style="list-style-type: none">• Master of Science, Computer Science Beijing Institute of Technology, Beijing, China <ul style="list-style-type: none">• Bachelor of Engineering, Software Engineering	August,2010 - February,2015 August,2008 - June,2010 August,2004 - June,2008
WORK EXPERIENCE	Assistant Professor, CSE, Michigan State University Research Scientist, Yahoo Labs, Yahoo! Research Assistant, Arizona State University Research Intern, IBM T. J. Watson Research Center Research Intern, Yahoo Labs	August, 2016 - Present March, 2015 - August, 2016 August, 2010 - February, 2015 May, 2014 - August, 2014 May, 2013 - August, 2013
HONORS AND AWARDS	<ul style="list-style-type: none">• Best Paper Award, SIGKDD, ACM• Yahoo! Invention Award, Yahoo Research, Yahoo,• Yahoo LEAP Award, Yahoo Labs, Yahoo• Runner Up of the Best SIGKDD Dissertation Award, SIGKDD, ACM• Dean's Dissertation Award, Arizona State University• Outstanding PhD Graduation, Arizona State University• ASU President's Award for Innovation, Arizona State University• Best Paper Shortlist, WSDM, ACM• The Third Place in "Next Location Prediction", Nokia• Conference Travel Grant from SDM'11, SDM'12, KDD'12, WSDM'13, WWW'13, SDM'13, SDM'14, WWW'14, KDD'14, SIGWEB'14• University Graduate Fellowship, Arizona State University	2016 2016 2015 2015 2015 2015 2014 2013 2013 2011-2014 2010

- CASC Fellow, Beijing Institute of Technology 2009
- Microsoft Scholarship, Beijing Institute of Technology 2008
- Outstanding graduates of Beijing, China 2008
- National Scholarships of China, China 2007
- Lenovo scholarship, Beijing Institute of Technology 2006

SELECTED MEDIA COVERAGE

- KDnuggets (2017): 5 Machine Learning Projects You Can No Longer Overlook
- Defenseone.com (2016): Military-Funded Study Predicts When You'll Protest on Twitter
- Nextgov.com (2016): Military-Funded Study Predicts Twitter Uprisings
- Mic.com (2016): A Military-Funded Study Can Use Algorithms to Predict When You'll Become a Protester
- Indiatimes.com (2016): Tweets can help predict if debates with turn into violent protests
- Inverse.com (2016): This Study Looked at Whether Your Next Tweet Will Call for Revolution
- Newkerala.com (2016): Tweets can predict if debates turn into violent protests
- Mkbergman.com (2016): The Starting Point for Feature Selection

PUBLICATIONS

- **Published:** 2 **book**, 4 Tutorials, 19 journal papers and 72 conference papers
- **Impact:** 2800+ citations, h-index: 28 and i10-index: 43

*** Please refer to the details about the list of publications at the end of this document and my google scholar profile page: <https://scholar.google.com/citations?user=WtzKMWAAAAAJ&hl=en>

Books

- [B1] **Jiliang Tang** and Charu Aggarwal. "Social Media Analytics: Advances and Applications", under contractor with CRC Press.
- [B2] **Jiliang Tang** and Huan Liu. "Trust in Social Media", Morgan & Claypool Publishers.

Tutorials

- [T1] Jundong Li, **Jiliang Tang** and Huan Liu. "Recent Advances in Feature Selection: A Data Perspective", ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2017
- [T2] **Jiliang Tang** and Huan Liu. "Trust in Social Computing", the 23rd International World Wide Web Conference (WWW), 2014.
- [T3] **Jiliang Tang**, Jie Tang and Huan Liu. "Recommendation in Social Media - Recent Advances and New Frontiers", the 20th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD), 2014.
- [T4] **Huiji Gao**, Jiliang Tang and Huan Liu. "Personalized Location Recommendation on Location-based Social Networks", The ACM Recommender System conference (Recsys), 2014.

Journal Papers

- [J1] Yuening Hu, Changsung Kang, **Jiliang Tang**, Dawei Yin, and Yi Chang. "Large-scale Location Prediction for Web Pages", IEEE Trans on Knowledge and Data Engineering (TKDE), 2017
- [J2] Suhas Ranganth, Suhang Wang, Xia Hu, **Jiliang Tang**, and Huan Liu. "Facilitating Time

- Critical Information Seeking in Social Media”, IEEE Trans on Knowledge and Data Engineering (TKDE), 2017
- [J3] Kai Shu, Suhang Wang, **Jiliang Tang**, Reza Zafarani and Huan Liu. “User Identity Linkage across Online Social Networks: A Review”, To appear in SIGKDD Explorations
 - [J4] Huan Liu, Fred Morstatter, Jiliang Tang, and Reza Zafarani. “The good, the bad, and the ugly: uncovering novel research opportunities in social media mining”, In International Journal of Data Science and Analytics, 2016
 - [J5] Ruifang He, Yang Liu, Guangchuan Yu, **Jiliang Tang**, Qinghua Hu, and Jianwu Dang. “Twitter Summarization with Social-Temporal Context”, World Wide Web Journal, 2016.
 - [J6] Ruifang He, **Jiliang Tang**, Pinghua Gong, Qinghua Hu and Bo Wang. “Multi-document summarization via group sparse learning”, Information Sciences, 2016.
 - [J7] **Jiliang Tang**, Yi Chang, Charu Aggarwal and Huan Liu. “A Survey of Mining Signed Networks in Social Media”, to appear on ACM Computing Survey.
 - [J8] Suhang Wang, **Jiliang Tang**, and Huan Liu. “Feature Selection”, Encyclopedia of Machine Learning and Data Mining, 2015.
 - [J9] **Jiliang Tang**, Huiji Gao, Atish Das Sarma, Yizhou Bi and Huan Liu. “Trust Evolution: Modeling and Its Applications”, Transactions on Knowledge and Data Engineering (TKDE), 2015.
 - [J10] Mohammad Ali Abbasi, **Jiliang Tang** and Huan Liu. “Trust Aware Recommender Systems”, in Machine Learning book on computational trust, Chapman & Hall/CRC Press, 2015
 - [J11] Pritam Gundecha , Geoffrey Barbier, **Jiliang Tang** and Huan Liu. “User Vulnerability and its Reduction on a Social Networking Site”, Transactions on Knowledge Discovery from Data(TKDD), 2014.
 - [J12] **Jiliang Tang** and Huan Liu. “An Unsupervised Feature Selection Framework for Social Media Data”, Transactions on Knowledge and Data Engineering(TKDE), 2014.
 - [J13] **Jiliang Tang** and Huan Liu. “Feature Selection for Social Media Data”, ACM Transactions on Knowledge Discovery from Data(TKDD), 2014.
 - [J14] **Jiliang Tang**, Salem Alelyani and Huan Liu. “Feature Selection for Classification: A Review”, in Data Classification: Algorithms and Applications. Editor: Charu Aggarwal, CRC Press, 2014
 - [J15] Huiji Gao, **Jiliang Tang** and Huan Liu. “Solving the Cold Start Problem in Location Recommendation with Geo-Social Correlations”, Data mining and Knowledge Discovery(DMKD), 2014
 - [J16] Salem Alelyani, **Jiliang Tang** and Huan Liu. “Feature Selection for Clustering: A Review”, in Data Clustering: Algorithms and Applications, Editor: Charu Aggarwal and Chandan Reddy, CRC Press, 2014
 - [J17] **Jiliang Tang**, Yi Chang and Huan Liu. “Mining Social Media with Social Theories: A Survey”, KDD Explorations, 2013.
 - [J18] **Jiliang Tang**, Xia Hu and Huan Liu. “Social Recommendation: A Review”, Social Network Analysis and Mining(SNAM), 2013.
 - [J19] **Jiliang Tang**, Xufei Wang, Huiji Gao, Xia Hu and Huan Liu. “Enriching Short Texts Representation in MicroBlog for Clustering”, Frontiers of Computer Science (FCS), 2012.

Conference Papers

- [C1] Jundong Li, **Jiliang Tang** and Huan Liu. “Reconstruction-based Unsupervised Feature Selection: An Embedded Approach”, Proceedings of the 26th International Joint Conference on Artificial Intelligence (IJCAI), 2017

- [C2] Yilin Wang, Jiliang Tang, Jundong Li, Baoxin Li, Yali Wan, Clayton Mellina, Neil O’Hare and Yi Chang. “Understanding and Discovering Deliberate Self-harm Content in Social Media”, Proceedings of International World Wide Web Conference (WWW), 2017
- [C3] Shiyu Chang, Yang Zhang, Jiliang Tang, Dawei Yin, Yi Chang, Mark Hasegawa-Johnson and Thomas Huang. “Streaming Recommender Systems”, Proceedings of International World Wide Web Conference (WWW), 2017
- [C4] Suhang Wang, Yilin Wang, Jiliang Tang, Kai Shu, Suhas Ranganath and Huan Liu. “What Your Images Reveal: Exploiting Visual Contents for Point-of-Interest Recommendation”, Proceedings of International World Wide Web Conference (WWW), 2017
- [C5] Lin Chen, Jiliang Tang and Baoxin Li. “Supervised Feature Selection for Multi-class Data”, Proceedings of the Seventeenth SIAM International Conference on Data Mining (SDM), 2017
- [C6] Suhang Wang, Yilin Wang, Jiliang Tang, Charu Aggarwal, Suhas Ranganath and Huan Liu. “Exploiting Hierarchical Structures for Unsupervised Feature Selection”, Proceedings of the Seventeenth SIAM International Conference on Data Mining (SDM), 2017
- [C7] Suhang Wang, Jiliang Tang, Charu Aggarwal, Yi Chang and Huan Liu. “Signed Network Embedding in Social Media”, Proceedings of the Seventeenth SIAM International Conference on Data Mining (SDM), 2017
- [C8] Yang Li, Suhang Wang, Quan Pan, Tao Yang and Jiliang Tang. “Price Recommendation on Vacation Rental Websites”, Proceedings of the Seventeenth SIAM International Conference on Data Mining (SDM), 2017
- [C9] Kewei Cheng, Jundong Li, **Jiliang Tang**, and Huan Liu. “Unsupervised Sentiment Analysis with Signed Social Networks”, In Proceedings of the Thirty-First AAAI Conference on Artificial Intelligence (AAAI), 2017
- [C10] Yilin Wang, Suhang Wang, **Jiliang Tang**, Guojun Qi, Huan Liu and Baoxin Li. “CLARE:A Joint Approach to Label Classification and Tag Recommendation”, In Proceedings of the Thirty-First AAAI Conference on Artificial Intelligence (AAAI), 2017
- [C11] Lu Jiang, Yannis Kalantidis, Liangliang Cao, Sachin Farfade, **Jiliang Tang**, and Alex Hauptmann. “Delving Deep into Personal Photo and Video Search ”, In the 10th International Conference on Web Search and Data Mining (WSDM), 2017
- [C12] Yunlong He, **Jiliang Tang**, Hua Ouyang, Changsung Kang, Dawei Yin and Yi Chang. “Learning to Rewrite Queries”, In Proceedings of 25th ACM Conference on Information and Knowledge Management (CIKM), 2016
- [C13] Suhang Wang, **Jiliang Tang**, Fred Morstatter and Huan Liu. “Paired Restricted Boltzmann Machine for Linked Data”, In Proceedings of 25th ACM Conference on Information and Knowledge Management (CIKM), 2016
- [C14] Suhang Wang, **Jiliang Tang**, Charu Aggarwal and Huan Liu. “Linked Document Embedding for Classification”, In Proceedings of 25th ACM Conference on Information and Knowledge Management (CIKM), 2016
- [C15] Dawei Yin, Yuening Hu, **Jiliang Tang**, Tim Daly Jr., Mianwei Zhou, Hua Ouyang, Jianhui Chen, Changsung Kang, Hongbo Deng, Chikashi Nobata, Jean-Marc Langlois, Yi Chang. “Ranking Relevance in Yahoo Search”, In Proceedings of the 22nd annual ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2016
- [C16] Shiyu Chang, Yang Zhang, **Jiliang Tang**, Dawei Yin, Yi Chang, Mark Hasegawa-Johnson, Thomas S. Huang. “Positive-Unlabeled Learning in Streaming Networks”, In Proceedings of the 22nd annual ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2016
- [C17] Yi Chang, **Jiliang Tang**, Dawei Yin, Makoto Yamada, and Yan Liu. “Timeline Summarization with Life Cycle Models from Social Media”, Proceedings of the 25th International Joint Conference on Artificial Intelligence (IJCAI), 2016

- [C18] Yilin Wang, Suhang Wang, **Jiliang Tang**, Huan Liu and Baoxin Li. “PPP: Joint Pointwise and Pairwise Image Label Prediction”, IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2016
- [C19] Ghazaleh Beigi, **Jiliang Tang** and Huan Liu. “Signed Link Analysis in Social Media Networks”, The 10th International AAAI Conference on Weblogs and Social Media (ICWSM), 2016
- [C20] Suhas Ranganth, Xia Hu, **Jiliang Tang**, Suhang Wang and Huan Liu. “Identifying Rhetorical Questions in Social Media”, The 10th International AAAI Conference on Weblogs and Social Media (ICWSM), 2016
- [C21] Pritam Gundecha, **Jiliang Tang**, Xia Hu and Huan Liu. “Exploring Personal Attributes from Unprotected Interactions”, The 10th International AAAI Conference on Weblogs and Social Media (ICWSM), 2016.
- [C22] Jundong Li, Kewei Cheng, Suhang Wang, Fred Morstatter, Robert P. Trevino, **Jiliang Tang** and Huan Liu. “Feature Selection: A Data Perspective”, scikit-feature an open-source feature selection repository in Python.
- [C23] **Jiliang Tang**, Charu Aggarwal and Huan Liu. “Node Classification in Signed Social Networks”, SIAM International Conference on Data Mining (SDM), 2016
- [C24] Ghazaleh Beigi, **Jiliang Tang**, Suhang Wang and Huan Liu. “Exploiting Emotional Information for Trust/Distrust Prediction”, SIAM International Conference on Data Mining (SDM), 2016
- [C25] **Jiliang Tang**, Charu Aggarwal and Huan Liu. ”Recommendations in Signed Social Networks”, the 25nd International World Wide Web Conference (WWW), 2016.
- [C26] Suhas Ranganath, Fred Morstatter, Xia Hu, **Jiliang Tang**, Suhang Wang, and Huan Liu. ”Predicting Online Protest Participation of Social Media Users”, the AAAI Conference on Artificial Intelligence (AAAI), 2016.
- [C27] **Jiliang Tang**, Suhang Wang, Xia Hu, Dawei Yin, Yingzhou Bi, Yi Chang and Huan Liu. ”Recommendation with Social Dimentions”, the AAAI Conference on Artificial Intelligence (AAAI), 2016.
- [C28] Suhas Ranganath, Xia Hu, **Jiliang Tang**, and Huan Liu. “Understanding and Identifying Advocates of Political Campaigns on Social Media”. ACM International Conference on Web Search and Data Mining (WSDM), 2016.
- [C29] Suhas Ranganath, Suhang Wang, Xia Hu, **Jiliang Tang** and Huan Liu. ”Facilitating Time-Critical Information Seeking in Social Media”. the IEEE International Conference on Data Mining (ICDM), 2015.
- [C30] Yunzhong Liu, Yi Chen, **Jiliang Tang**, and Huan Liu. “Context-Aware Experience Extraction from Online Health Forums”. IEEE International Conference on Healthcare Informatics (ICHI), 2015.
- [C31] Suhang Wang, **Jiliang Tang**, and Huan Liu. “Toward Dual Roles of Users in Recommender Systems”. ACM International Conference of Information and Knowledge Management (CIKM), 2015.
- [C32] Jundong Li, Xia Hu, **Jiliang Tang** and Huan Liu. “Unsupervised Streaming Feature Selection in Social Media”. ACM International Conference of Information and Knowledge Management (CIKM), 2015.
- [C33] Shiyu Chang, Wei Han, **Jiliang Tang**, Guo-Jun Qi, Charu Aggarwal, and Thomas Huang. “Heterogeneous Network Embedding via Deep Architectures”, ACM SIGKDD Conference on Knowledge Discovery and Data Mining(KDD), 2015.
- [C34] Suhang Wang, **Jiliang Tang**, Yilin Wang, and Huan Liu. “Exploring Implicit Hierarchical Structures for Recommender Systems”, International Joint Conference on Artificial Intelligence (IJCAI), 2015.

- [C35] Yilin Wang, Suhang Wang, **Jiliang Tang**, Huan Liu and Baoxin Li. “Unsupervised Sentiment Analysis for Social Media Images”, International Joint Conference on Artificial Intelligence (IJCAI), 2015.
- [C36] **Jiliang Tang**, Chikashi Nobata, Anlei Dong, Yi Chang and Huan Liu. “Propagation-based Sentiment Analysis for Microblogging Data”. SIAM International Conference on Data Mining (SDM), 2015.
- [C37] Suhang Wang, **Jiliang Tang**, and Huan Liu. “Embedded Unsupervised Feature Selection”. the AAAI Conference on Artificial Intelligence (AAAI), 2015.
- [C38] Huiji Gao, **Jiliang Tang**, Xia Hu, and Huan Liu. “Content-Aware Point of Interest Recommendation on Location-Based Social Networks”. the AAAI Conference on Artificial Intelligence (AAAI), 2015.
- [C39] Suhas Ranganath, **Jiliang Tang**, Xia Hu, Hari Sundaram, and Huan Liu. “Leveraging Social Foci for Information Seeking in Social Media”. the AAAI Conference on Artificial Intelligence (AAAI), 2015.
- [C40] Ying Wang, Xin Wang, **Jiliang Tang**, Wanli Zuo, and Guoyong Cai. “Modeling Status Theory in Trust Prediction”. the AAAI Conference on Artificial Intelligence (AAAI), 2015.
- [C41] **Jiliang Tang**, Shiyu Chang, Charu Aggarwal, and Huan Liu. “Negative Link Prediction in Social Media”. ACM International Conference on Web Search and Data Mining (WSDM), 2015.
- [C42] Xia Hu, **Jiliang Tang**, Huiji Gao, and Huan Liu. “Social Spammer Detection with Sentiment Information”. IEEE International Conference on Data Mining (ICDM), 2014
- [C43] **Jiliang Tang**, Xia Hu, Yi Chang, and Huan Liu. “Predictability of Distrust with Interaction Data”. ACM International Conference on Information and Knowledge Management (CIKM), 2014
- [C44] **Jiliang Tang**, Xia Hu and Huan Liu. “Is Distrust the Negation of Trust? The Value of Distrust in Social Media”. ACM Hypertext conference (HT), 2014.
- [C45] Mohammad Ali Abbasi, Reza Zafarani, **Jiliang Tang**, and Huan Liu. “Am I More Similar to My Followers or Followees? Homophily Effect in Directed Online Social Networks”. ACM Hypertext conference (HT), 2014.
- [C46] Mohammad Ali Abbasi, **Jiliang Tang**, and Huan Liu. “Scalable Learning of Users’ Preferences Using Networked Data”. ACM Hypertext conference (HT), 2014.
- [C47] Xia Hu, **Jiliang Tang**, and Huan Liu. “Leveraging Knowledge across Media for Spammer Detection in Microblogging”, In Proceedings of the 37th Annual ACM SIGIR Conference (SIGIR), 2014.
- [C48] Xia Hu, **Jiliang Tang**, and Huan Liu. “Online Social Spammer Detection”. In Proceedings of the 28th AAAI Conference on Artificial Intelligence (AAAI), 2014.
- [C49] **Jiliang Tang**, Xia Hu, Huiji Gao, and Huan Liu. “Discriminant Analysis for Unsupervised Feature Selection”. In Proceedings of the 14th SIAM International Conference on Data Mining (SDM), 2014.
- [C50] Huiji Gao, **Jiliang Tang**, Xia Hu and Huan Liu. “Modeling Temporal Effects of Human Mobile Behavior on Location-Based Social Networks”, ACM International Conference on Information and Knowledge Management (CIKM), 2013.
- [C51] **Jiliang Tang**, Huiji Gao, Xia Hu and Huan Liu. “Context-Aware Review Helpfulness Rating Prediction”, the ACM Conference Series on Recommender Systems (RecSys), 2013.
- [C52] Huiji Gao, **Jiliang Tang**, Xia Hu and Huan Liu. “Exploring Temporal Effects for Location Recommendation on Location-Based Social Networks”, the ACM Conference Series on Recommender Systems (RecSys), 2013.

- [C53] Huiji Gao, Xufei Wang, **Jiliang Tang** and Huan Liu. “Network Denoising in Social Media”, the 2013 IEEE/ACM International Conference on Advances in Social Network Analysis and Mining (ASONAM), 2013.
- [C54] **Jiliang Tang**, Xia Hu, Huiji Gao, and Huan Liu. “Exploiting Local and Global Social Context for Recommendation”, the 23rd International Joint Conference on Artificial Intelligence (IJCAI), 2013.
- [C55] Xia Hu, **Jiliang Tang**, Yanchao Zhang, and Huan Liu. “Social Spammer Detection in Microblogging”, the 23rd International Joint Conference on Artificial Intelligence (IJCAI), 2013.
- [C56] Xia Hu, **Jiliang Tang**, Huiji Gao, and Huan Liu. “Unsupervised Sentiment Analysis with Emotional Signals”, the 22nd International World Wide Web Conference (WWW), 2013.
- [C57] **Jiliang Tang** and Huan Liu. “CoSelect: Feature Selection with Instance Selection for Social Media Data”, the 13th SIAM International Conference on Data Mining (SDM), 2013.
- [C58] **Jiliang Tang**, Xia Hu, Huiji Gao, and Huan Liu. “Unsupervised Feature Selection for Multi-view Data in Social Media”, the 13th SIAM International Conference on Data Mining (SDM 2013).
- [C59] Xia Hu, **Jiliang Tang**, Huiji Gao, and Huan Liu. “ActNeT: Active Learning for Networked Texts in Microblogging”, the 13th SIAM International Conference on Data Mining (SDM), 2013.
- [C60] **Jiliang Tang**, Huiji Gao, Xia Hu, and Huan Liu. “Exploiting Homophily Effect for Trust Prediction”, the 6th ACM International Conference on Web Search and Data Mining (WSDM), 2013.
- [C61] Xia Hu, Lei Tang, **Jiliang Tang**, and Huan Liu. “Exploiting Social Relations for Sentiment Analysis in Microblogging”, the 6th ACM International Conference on Web Search and Data Mining (WSDM), 2013.
- [C62] Huiji Gao, **Jiliang Tang** and Huan Liu. “gSCorr: Modeling Geo-Social Correlations for New Check-ins on Location-Based Social Networks”, the 21st ACM Conference on Information and Knowledge Management (CIKM), 2012.
- [C63] Huiji Gao, **Jiliang Tang** and Huan Liu. “ Mobile Location Prediction in Spatio-Temporal Context”, Nokia Mobile Data Challenge Workshop 2012. The 3rd Place Dedicated Task 2: Next Location Prediction
- [C64] **Jiliang Tang** and Huan Liu. “ Unsupervised Feature Selection for Linked Social Media Data”, the Eighteenth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2012.
- [C65] **Jiliang Tang**, Huiji Gao, Huan Liu and Atish Das Sarma. “eTrust: Understanding Trust Evolution in an Online World”, the Eighteenth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2012.
- [C66] **Jiliang Tang**, Xufei Wang and Huan Liu. “ Social Media Data Integration for Community Detection”, MSM-MUSE, 2012.
- [C67] Huiji Gao, **Jiliang Tang**, Huan Liu. “ Exploring Social-Historical Ties on Location-Based Social Networks”, the Sixth International AAAI Conference on Weblogs and Social Media (ICWSM), 2012.
- [C68] **Jiliang Tang** and Huan Liu. “Feature Selection with Linked Data in Social Media”, SIAM International Conference on Data Mining (SDM), 2012.
- [C69] **Jiliang Tang**, Huiji Gao, and Huan Liu. “mTrust: Discerning Multi-Faceted Trust in a Connected World”, the 5th ACM International Conference on Web Search and Data Mining (WSDM), 2012.
- [C70] **Jiliang Tang**, Xufei Wang and Huan Liu. “ Integrating Social Media Data for Community Detection”, MSM-MUSE, 2011.

[C71] Xufei Wang, **Jiliang Tang**, and Huan Liu. “Document Clustering via Matrix Representation”, the 11th IEEE International Conference on Data Mining (ICDM), 2011.

[C72] **Jiliang Tang**. “Integrate Multiple Type of Social Media Data for Community Detection”. In Doctoral Student Forum, SIAM International Conference on Data Mining (SDM), 2011.

MENTORING

- Tyler Derr, Michigan State University, PhD, 12/2016 to present
- Zhiwei Wang, Michigan State University, PhD, 12/2016 to present
- Xiangyu Zhao, Michigan State University, PhD, 01/2017 to present
- Yao Ma, Michigan State University, PhD, 01/2017 to present
- Chengxing Wang, Michigan State University, MS, 02/2017 to present
- Ibrahim Ahmed, Michigan State University, BS, 12/2016 to present
- Hansheng Zhao, Michigan State University, BS, 12/2016 to present
- Bryan Hendryx, Michigan State University, BS, 12/2016 to present
- Pegah Varghael, Michigan State University, BS, 03/2017 to present
- Suhang Wang, Arizona State University, PhD, 02/2014 to present
- Yilin Wang, Arizona State University, PhD, 02/2015 to present
- Suhas Ranganath, Arizona State University, PhD, 03/2014 to present
- Jundong Li, Arizona State University, PhD, 10/2014 to 08/2016
- Yali Wan, University of Washington at Seattle, PhD, 06/2016 to 09/2016
- Shiyu Chang, University of Illinois at Urbana-Champaign, PhD, 10/2014 to 09/2016
- Ghazaleh Beigi, Arizona State University, PhD, 02/2015 to 12/2015

SERVICES

Conference/Journal Organizer

- Workshop Co-chair of ACM International Conference on Web Search and Data Mining, 2018
- Industry Sponsorship Committee Chair of International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation, 2017
- Job Matching Chair of ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2017
- Sponsorship Chair of SIAM International Conference on Data Mining, 2017
- Award Coordinator of ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2016
- Session Chair of ACM SIGKDD Best Dissertation Presentation, 2016
- Post Chair of ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2016

Program Committee Member

- The Annual Meeting of the Association for Computational Linguistics (ACL), 2017
- the 11th ACM Recommender Systems Conference (Recsys), 2017
- The International AAAI Conference on Weblogs and Social Media (ICWSM), 2017
- ACM SIGIR conference on Research and development in information retrieval (SIGIR), 2017
- AAAI Conference on Artificial Intelligence (AAAI), 2017
- IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2017
- Tenth ACM International Conference on Web Search and Data Mining (WSDM), 2017
- The KDD Workshop on Mining and Learning from Graphs (MLG), 2016
- IEEE International Conference on Data Science and Advanced Analytics (DSAA), 2016
- International Workshop on Mining Wearable Data for HealthCare(MWDHealth), 2016
- ACM International Conference on Information and Knowledge Management (CIKM), 2016
- Conference on Empirical Methods on Natural Language Processing (EMNLP), 2016
- ACM SIGIR conference on Research and development in information retrieval (SIGIR), 2016
- International Joint Conferences on Artificial Intelligence (IJCAI), 2016
- ACM SIGKDD International Conference on Knowledge Discovery and Data Mining(KDD), 2016
- The Annual Meeting of the Association for Computational Linguistics (ACL), 2016
- AAAI Conference on Artificial Intelligence (AAAI), 2016
- Conference on Empirical Methods on Natural Language Processing (EMNLP), 2015
- CCF Conference on Natural Language Processing & Chinese Computing (NLPCC), 2015
- ACM International Conference on Information and Knowledge Management (CIKM), 2015
- ACM SIGIR conference on Research and development in information retrieval (SIGIR), 2015
- IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2015
- ICDM 2015 Workshop on Behavior Analysis, Modeling, and Steering (BEAMS), 2015
- ICDM 2015 Workshop on Event Analytics using Social Media Data (EASM), 2015
- IEEE International Conference on Data Mining (ICDM) Demo Track, 2014, 2015
- IEEE/CIC ICCS symposium on Social Networks and Big Data (SNBD), 2014
- The International AAAI Conference on Weblogs and Social Media (ICWSM), 2014
- International Joint Conference on Artificial Intelligence (IJCAI), 2013

Journal Reviewer

- ACM Transactions on Interactive Intelligent Systems (TiiS)
- Journal of Management Information Systems
- IEEE Transactions on Computational Social Systems
- Journal of Complex Network
- Social Networks
- Computers in Human Behavior
- ACM Computing Survey (CSUR)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- ACM Transactions on Knowledge Discovery from Data (TKDD)
- ACM Transactions on Information Systems (TOIS)
- IEEE Transactions on Multimedia (TMM)
- IEEE Transactions on Image Processing (TIP)
- IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
- ACM Transactions on Intelligent Systems and Technology (TIST)
- ACM Transactions on the Web (TWEB)
- Data Mining and Knowledge Discovery (DMKD)
- IEEE Transactions on Big Data (TBD)
- Journal of Artificial Intelligence Research (JAIR)
- Journal of Machine Learning Research (JMLR)
- Knowledge and Information Systems (KAIS)

- Social Network Analysis and Mining (SNAM)
- IEEE Intelligent System
- Journal of Computer Science and Technology
- Pattern Recognition Letters
- Neurocomputing