Meng Jiang

CONTACT INFORMATION	326C Cushing Hall Phone: (+1) (574) 631-7454

CONTACT INFORMATION

326C Cushing Hall   Phone: (+1) (574) 631-7454
Department of Computer Science and Engineering, College of Engineering
University of Notre Dame   E-mail: mjiang2@nd.edu
Notre Dame, IN 46556, USA   http://www.meng-jiang.com
Google Scholar: #citation = **1342**, H-index = **17**

- https://scholar.google.com/citations?user=LZIPfCkAAAAJ

RESEARCH INTERESTS

Research topics on Computational Behavior Modeling

- Content: Text data mining and information extraction
- Context: Spatiotemporal data mining and social media analysis
- Intention: Graph anomaly detection
- Decision making: Representation learning and predictive models

Applications on modeling human behaviors

- Future behavior prediction
- Fraud and spam detection
- Social recommender systems
- Effective planning

WORK EXPERIENCE

University of Notre Dame, IN, US   since August 2017

- Tenure-track assistant professor, Department of Computer Science and Engineering, College of Engineering

University of Illinois at Urbana-Champaign, IL, US   August 2015 – August 2017

- Postdoctoral Research Associate in Data Mining Group, Computer Science
- Advisor: Abel Bliss Professor Jiawei Han

University of Maryland, College Park, MD, US   June 2016 – July 2016

- Visiting Researcher in Institute for Advanced Computer Studies
- Advisor: Professor VS Subrahmanian

EDUCATION EXPERIENCE

Tsinghua University, Beijing, China   August 2010 – July 2015

- Ph.D. of Engineering in Computer Science with *Dissertation Award*
- Advisor: Professor Shiqiang Yang
- Thesis: Modeling complex behaviors in social media

Carnegie Mellon University, Pittsburgh, PA, US   August 2012 – May 2013

- Visiting Ph.D. Student in Database Group, Computer Science
- Advisor: Professor Christos Faloutsos

Tsinghua University, Beijing, China   August 2006 – July 2010

- Bachelor of Engineering in Computer Science with *Excellent Thesis Award*
- Thesis: Reranking news feeds in social recommender systems

REFEREED JOURNAL PUBLICATIONS

[J11] Jingbo Shang, Jialu Liu, **Meng Jiang**, Xiang Ren, Clare R. Voss and Jiawei Han. "Automated Phrase Mining from Massive Text Corpora", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 30, no. 10, pp. 1825-1837, 2018. (Impact Factor = 2.476)

[J10] Jingbo Shang, **Meng Jiang**, Wenzhu Tong, Jinfeng Xiao, Jian Peng and Jiawei Han. "DPPred: An Effective Prediction Framework with Concise Discriminative Patterns", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 30, no. 7, pp. 1225-1239, 2018. (Impact Factor = 2.476)

[J9] Kun Kuang, **Meng Jiang**, Peng Cui, Jiashen Sun and Shiqiang Yang. "Effective Promotional Strategies Selection in Social Media: A Data-Driven Approach", in IEEE Transactions on Big Data (**TBD**), vol. 4, no. 4, pp. 487-501, 2018.

[J8] Huan Gui, Jialu Liu, Fangbo Tao, **Meng Jiang**, Brandon Norick, Lance Kaplan and Jiawei Han. "Embedding Learning with Events in Heterogeneous Information Networks", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 29, no. 11, pp. 2428-2441, 2017. (Impact Factor = 2.476)

[J7] **Meng Jiang**, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. "Spotting Suspicious Behaviors in Multimodal Data: A General Metric and Algorithms", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 28, no. 8, pp. 2187-2200, 2016. (Impact Factor = 2.476)

[J6] **Meng Jiang**, Peng Cui and Christos Faloutsos. "Suspicious Behavior Detection: Current Trends and Future Directions", Special Issue on Online Behavioral Analysis and Modeling, in **IEEE Intelligent Systems**, vol. 31, no. 1, pp. 31-39, 2016. (Survey, Impact Factor = 3.532)

[J5] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Catching Synchronized Behaviors in Large Networks: A Graph Mining Approach", Special Issue on the Best of SIGKDD 2014, in ACM Transactions on Knowledge Discovery from Data (**TKDD**), vol. 10, no. 4, article no. 35, 2016. (**3 among 146 accepted SIGKDD 2014 papers and 1,036 submissions**, Impact Factor = 1.000)

[J4] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Inferring Lockstep Behavior from Connectivity Pattern in Large Graphs", in Knowledge and Information Systems (**KAIS**), vol. 48, no. 2, pp. 399-428, 2015. (Impact Factor = 1.702)

[J3] **Meng Jiang**, Peng Cui, Xumin Chen, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation with Cross-Domain Transferable Knowledge", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 27, no. 11, pp. 3084-3097, 2015. (Impact Factor = 2.476)

[J2] **Meng Jiang**, Peng Cui, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Scalable Recommendation with Social Contextual Information", in IEEE Transactions on Knowledge and Data Engineering (**TKDE**), vol. 26, no. 11, pp. 2789-2802, 2014. (Impact Factor = 2.476)

[J1] Lu Liu, Feida Zhu, **Meng Jiang**, Jiawei Han, Lifeng Sun and Shiqiang Yang. "Mining Diversity on Social Media Networks", in Multimedia Tools and Applications (**MTA**), vol. 56, no. 1, pp. 179-205, 2012. (Impact Factor = 1.331)

REFEREED CONFERENCE PUBLICATIONS

[C24] Xueying Wang[+], Haiqiao Zhang[+], Qi Li[+], Yiyu Shi and **Meng Jiang**. "A Novel Unsupervised Approach for Precise Temporal Slot Filling from Incomplete and Noisy Temporal Contexts", in the International Web Conference (**TheWebConf**), 2019. ([+] for advisees)

[C23] Tong Zhao[+], Matthew Malir[+] and **Meng Jiang**. "Actionable Objective Optimization for Suspicious Behavior Detection on Large Bipartite Graphs", in IEEE International Conference on Big Data (**BigData**), 2018. ([+] for advisees)

[C22] Fangbo Tao, Chao Zhang, Xiusi Chen, **Meng Jiang**, Tim Hanratty, Lance Kaplan and Jiawei Han. "Doc2Cube: Allocating Documents to Text Cube without Labeled Data", in IEEE International Conference on Data Mining (**ICDM**), 2018.

[C21] Yukun Ding, Jinglan Liu, Jinjun Xiong, **Meng Jiang** and Yiyu Shi. "Optimizing Boiler Control in Real-Time with Machine Learning for Sustainability", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2018.

[C20] Sendong Zhao, **Meng Jiang**, Ming Liu, Bing Qin and Ting Liu. "CausalTriad: Toward Pseudo Causal Relation Discovery and Hypotheses Generation from Medical Text Data", in ACM International Conference on Bioinformatics, Computational Biology, and Health Informatics (**BCB**), 2018. (Regular paper with oral presentation)

[C19] Daheng Wang[+], **Meng Jiang**, Qingkai Zeng[+], Zachary Eberhart and Nitesh Chawla. "Multi-Type Itemset Embedding for Learning Behavior Success", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%; [+] for advisees)

[C18] **Meng Jiang**[*], Qi Li[*], Xikun Zhang, Meng Qu, Timothy Hanratty, Jing Gao and Jiawei Han. "TruePIE: Discovering Reliable Patterns in Pattern-Based Information Extraction", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%; [*] for equal contribution)

[C17] Chao Zhang, Fangbo Tao, Xiusi Chen, Jiaming Shen, **Meng Jiang**, Brian Sadler, Michelle Vanni and Jiawei Han. "TaxoGen: Constructing Topical Concept Taxonomy by Adaptive Term Embedding and Clustering", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. (Long presentation, acceptance rate = 10.9%)

[C16] **Meng Jiang**, Jingbo Shang, Taylor Cassidy, Xiang Ren, Lance Kaplan, Timothy Hanratty and Jiawei Han. "MetaPAD: Meta Pattern Discovery from Massive Text Corpora", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.

[C15] Kun Kuang, Peng Cui, Bo Li, **Meng Jiang** and Shiqiang Yang. "Estimating Treatment Effect in the Wild via Differentiated Confounder Balancing", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017. (Oral)

[C14] Sendong Zhao, **Meng Jiang**, Quan Yuan, Bing Qin, Ting Liu and ChengXiang Zhai. "ContextCare: Incorporating Contextual Information Networks to Representation Learning in Medical Forum Data", in International Joint Conference on Artificial Intelligence (**IJCAI**), 2017.

[C13] Kun Kuang, Peng Cui, Bo Li, **Meng Jiang**, Shiqiang Yang and Fei Wang. "Treatment Effect Estimation with Data-Driven Variable Decomposition", in AAAI Conference on Artificial Intelligence (**AAAI**), 2017.

[C12] Kun Kuang, **Meng Jiang**, Peng Cui, Shiqiang Yang. "Steering Social Media Promotions with Effective Strategies", in IEEE International Conference on Data Mining (**ICDM**), 2016.

[C11] Huan Gui, Jialu Liu, Fangbo Tao, **Meng Jiang**, Brandon Norick, Jiawei Han. "Large-Scale Embedding Learning in Heterogeneous Event Data", in IEEE International Conference on Data Mining (**ICDM**), 2016.

[C10] **Meng Jiang**, Christos Faloutsos and Jiawei Han. "CatchTartan: Representing and Summarizing Dynamic Multicontextual Behaviors", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2016. (Oral)

[C9] **Meng Jiang**, Peng Cui, Nicholas Jing Yuan, Xing Xie and Shiqiang Yang. "Little is Much: Bridging Cross-Platform Behaviors through Overlapped Crowds", in AAAI Conference on Artificial Intelligence (**AAAI**), 2016.

[C8] **Meng Jiang**, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. "A General Suspiciousness Metric for Dense Blocks in Multimodal Data", in IEEE International Conference on Data Mining (**ICDM**), 2015.

[C7] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "CatchSync: Catching Synchronized Behavior in Large Directed Graphs", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2014. (**Best Paper Finalist**)

[C6] **Meng Jiang**, Peng Cui, Fei Wang, Xinran Xu, Wenwu Zhu and Shiqiang Yang. "FEMA: Flexible Evolutionary Multi-faceted Analysis for Dynamic Behavioral Pattern Discovery", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2014.

[C5] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Inferring Strange Behavior from Connectivity Pattern in Social Networks", in Pacific-Asia Conference on Knowledge Discovery and Data Mining (**PAKDD**), 2014. (Oral)

[C4] **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Detecting Suspicious Following Behavior in Multimillion-Node Social Networks", in International Conference on World Wide Web Companion (**WWW**), 2014. (Poster)

[C3] **Meng Jiang**, Peng Cui, Fei Wang, Qiang Yang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation across Multiple Relational Domains", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2012.

[C2] **Meng Jiang**, Peng Cui, Rui Liu, Qiang Yang, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Contextual Recommendation", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2012.

[C1] Lu Liu, Jie Tang, Jiawei Han, **Meng Jiang** and Shiqiang Yang. "Mining Topic-Level Influence in Heterogeneous Networks", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2010.

REFEREED
DEMONSTRATION
PUBLICATIONS

[D3] Wenhao Yu[+], Zongze Li, Qingkai Zeng[+] and **Meng Jiang**. "Tablepedia: Automating PDF Table Reading in an Experimental Evidence Exploration and Analytic System", in the Demonstration Track of the International Web Conference (**TheWebConf**), 2019. ([+] for advisees)

[D2] Daheng Wang[+], **Meng Jiang**, Xueying Wang[+], Tong Zhao[+], Qingkai Zeng[+] and Nitesh Chawla. "A Project Showcase for Planning Research Work towards Publishable Success", in the Project Showcase Track of ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018. ([+] for advisees)

[D1] Xiang Ren, Jiaming Shen, Meng Qu, Xuan Wang, Zeqiu Wu, Qi Zhu, **Meng Jiang**, Fangbo Tao, Saurabh Sinha, David Liem, Peipei Ping, Richard Weinshilboum and Jiawei Han. "LifeNet: A Structured Network-Based Knowledge Exploration and Analytics System for Life Sciences", in the Annual Meeting of the Association for Computational Linguistics (**ACL**), 2017.

REFEREED
WORKSHOP
PUBLICATIONS

[W3] Daheng Wang, **Meng Jiang**, Xueying Wang, Nitesh Chawla, and Paul Brunts. "Multifaceted Event Analysis on Cross-Media Network Data", in the International Workshop on Heterogeneous Networks Analysis and Mining (**HeteroNAM**), with ACM Conference on Web Search and Data Mining (**WSDM**), 2018.

[W2] Liang-Wei Chen, Bhargav Mangipudi, Jayachandu Bandlamudi, Richa Sehgal, Yun Hao, **Meng Jiang**, and Huan Gui. "Integrating Knowledge from Latent and

Explicit Features for Triple ScoringTeam Radicchio's Triple Scorer at WSDM Cup 2017", in the 10th ACM Conference on Web Search and Data Mining (**WSDM**) Cup Notebook Papers, 2017.

[W1] **Meng Jiang**. "Catching Social Media Advertisers with Strategy Analysis", in the International Workshop on Computational Methods for **CyberSafety**, with ACM International Conference on Information and Knowledge Management (**CIKM**), 2016.

BOOK CHAPTERS   [B2] **Meng Jiang**. "Behavior Modeling in Social Networks", in "Encyclopedia of Social Network Analysis and Mining", 2nd edition, Springer, 2018.

[B1] **Meng Jiang** and Peng Cui. "Mining User Behaviors in Large Social Networks", in "Big Data in Complex and Social Networks", Chapman and Hall/CRC Big Data Series, 2016.

TUTORIALS   [T6] **Meng Jiang**, Srijan Kumar, VS Subrahmanian, and Christos Faloutsos. "Data-Driven Approaches towards Malicious Behavior Modeling", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.

[T5] Jingbo Shang, Xiang Ren, **Meng Jiang**, and Jiawei Han. "Mining Entity-Relation-Attribute Structures from Massive Text Data", in ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2017.

[T4] Xiang Ren, **Meng Jiang**, Jingbo Shang, and Jiawei Han. "Building Structured Databases of Factual Knowledge from Massive Text Data", in ACM SIGMOD International Conference on Management of Data (**SIGMOD**), 2017.

[T3] Xiang Ren, **Meng Jiang**, Jingbo Shang, and Jiawei Han. "Constructing Structured Information Networks from Massive Text Corpora", in International World Wide Web Conference (**WWW**), 2017.

[T2] **Meng Jiang**, Peng Cui and Jiawei Han. "Data-Driven Behavioral Analytics: Observations, Representations and Models", in ACM International Conference on Information and Knowledge Management (**CIKM**), 2016. (Taught 2 of 3 hours, 70+ audience and $360 honorarium)

[T1] **Meng Jiang** and Peng Cui. "Behavior Modeling in Social Networks: From Micro to Macro", in IEEE International Conference on Data Mining (**ICDM**), 2015. (Taught all 3 hours, 50+ audience and $700 honorarium)

GRANT EXPERIENCE   [G4] "NSF III: Medium: Collaborative Research: StructNet: Constructing and Mining Structure-Rich Information Networks for Scientific Research", National Science Foundation Award Number: NSF IIS 17-04001 (07-01-2017 – 06-30-2021). **Meng Jiang** contributed significantly to the technical content based on his later-published paper [C16].

[G3] "NSF III: Small: Multi-Dimensional Structuring, Summarizing and Mining of Social Media Data", National Science Foundation Award Number: NSF IIS 16-18481 (08-01-2016 – 07-31-2019). **Meng Jiang** contributed significantly to the technical content based on his later-published paper [C10] and led a team of 5 PhD students in this project at UIUC.

[G2] "IPAN I2: Distributed, User-Oriented Multi-Scale Network Summarization and Online Analytical Processing", Network Science Collaborative Technology Alliance (NS CTA) at the US Army Research Laboratory (ARL). **Meng Jiang** visited Aberdeen Proving Ground, Maryland, and collaborated with Dr. Timothy P. Hanratty in 2016 and led a team of 8 MS/PhD students at UIUC.

[G1] "IPAN I1: Constructing Unified, Structured Knowledge Networks by Integrating Text, Social Media and Multi-Genre Networks", Network Science Collaborative Technology Alliance (NS CTA) at the US Army Research Laboratory (ARL). **Meng Jiang** visited Adelphi Laboratory Center, Maryland, and collaborated with Dr. Lance M. Kaplan in 2016.

TEACHING
EXPERIENCE

Notre Dame CSE 40647/60647: Data Science   Fall 2018
- Instructor. From August 21 to December 14, 2018.

Notre Dame CSE 40647/60647: Data Science   Spring 2018
- Instructor. From January 16 to May 11, 2018.

Notre Dame CSE 40647/60647: Data Science   Fall 2017
- Instructor. From August 22 to December 12, 2017.

UIUC CS412: Intro to Data Warehousing and Data Mining   Summer 2017
- Instructor. From May 30 to August 3, 2017.

HONORS AND
AWARDS

The 3rd place in WSDM CUP Competition	2017
KDD 2016 Rising Stars, Microsoft Academic Search	2016
Tutorial $360 Honorarium, ACM CIKM	2016
Tutorial $700 Honorarium, IEEE ICDM	2015
Dissertation Award, Tsinghua University	2015
Excellent PhD Graduate, Beijing City	2015
SIGKDD Best Paper Finalist	2014
National Scholarship, China	2014
Award of Excellence in MSRA Internship Program	2014
KDD Student Travel Award	2014
PAKDD Student Travel Grant Award	2014
Sohu Research Fellowship	2013

STUDENTS'
HONORS

PhD student, Xueying Wang, selected for the Outstanding Research Poster Award – Faculty Choice, 2018

CURRENT
GRADUATE
STUDENTS

Mr. Daheng Wang, PhD student (2016 –), coadvised with Prof. Nitesh Chawla
Ms. Haiqiao Zhang, PhD student (2016 –), coadvised with Prof. Yiyu Shi
Ms. Xueying Wang, PhD student (2016 –)
Mr. Qingkai Zeng, PhD student (2018 –)
Mr. Tong Zhao, Master student (2017 – 2018), PhD student (2018 –)

CURRENT
UNDERGRADUATE
RESEARCHERS

Mr. Matthew Malir, Sophomore (2017), published in IEEE BigData 2018
Mr. Sebastian Miner, Sophomore (2017)

VISITING
(UNDER-)
GRADUATE
STUDENTS

Mr. Tianwen Jiang, Harbin Institute of Technology, PhD student, advised by Prof. Bing Qin
Ms. Jiahui Wang, Beijing Jiaotong University, Master student, advised by Prof. Peng Bao
Mr. Rui Liu, Dalian University of Technology, undergraduate student
Mr. Guoqiang Liu, Biology, University of Notre Dame, PhD student

PROFESSIONAL
SERVICES

Ph.D. Committee Member
- Maria Glenski, University of Notre Dame (Advisor: Prof. Timothy Weninger)
- Kaitlynn Meis, University of Notre Dame (Advisor: Prof. Michael Ferdig)
- Kenton Murray, University of Notre Dame (Advisor: Prof. David Chiang)
- Chao Huang, University of Notre Dame (Advisor: Prof. Nitesh Chawla)
- Shenglong Zhu, University of Notre Dame (Advisor: Profs. Danny Chen and Scott Emrich)
- Yuan Gong, University of Notre Dame (Advisor: Prof. Christian Poellabauer)

- Chuxu Zhang, University of Notre Dame (Advisor: Prof. Nitesh Chawla)

Workshop/Special Session Organizer
- Workshop on Misinformation and Misbehavior Mining on the Web (**MIS2**), 2018
- Special session on Big Behavioral Data Analytics (**BBDA**) in IEEE International Conference on Data Science and Advanced Analytics (**DSAA**), 2016

Conference Publication Chair
- ACM International Conference on Information and Knowledge Management (**CIKM**), 2019

Technical Program Committee Member
- ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2018, 2019
- International World Wide Web Conference (**WWW**), 2018, 2019
- Conference on Empirical Methods in Natural Language Processing (**EMNLP**), 2018
- AAAI Conference on Artificial Intelligence (**AAAI**), 2017, 2018, 2019
- International Joint Conference on Artificial Intelligence (**IJCAI**), 2019
- ACM International Conference on Web Search and Data Mining (**WSDM**), 2018, 2019
- ACM International Conference on Information and Knowledge Management (**CIKM**), 2017, 2018, 2019
- SIAM Data Mining Conference (**SDM**), 2018, 2019
- ACM International Conference on Multimedia (**MM**), 2017, 2018
- Pacific-Asia Conference on Knowledge Discovery and Data Mining (**PAKDD**), 2017, 2018, 2019
- Workshop on Graph Techniques for Adversarial Activity Analytics (**GTA3**), 2018
- The Joint International Workshop on Social Influence Analysis and Mining Actionable Insights from Social Networks (**SocInf+MAISoN**), 2018
- IEEE International Conference on Data Science in Cyberspace (**DSC**), 2016, 2018
- IEEE International Conference on Big Knowledge (**ICBK**), 2017
- IEEE International Conference on Data Science and Advanced Analytics (**DSAA**), 2015

Journal Reviewer
- IEEE Access (**Access**)
- Artificial Intelligence Journal (**AI Journal**)
- Data Mining and Knowledge Discovery (**DMKD**, **DAMI**)
- Decision Sciences Journal (**DSJ**)
- Frontiers of Computer Science (**FCS**)
- International Journal of Information Technology and Decision Making (**IJITDM**)
- Information Sciences (**INS**)
- Information Systems (**InfoSys**)
- Information Processing and Management (**IPM**)
- IEEE Intelligent Systems (**IS**)
- Journal of Computers (**JCP**)
- Journal of Machine Learning Research (**JMLR**)
- INFORMS Journal on Computing (**JOC**)
- Knowledge and Information Systems (**KAIS**)
- Neurocomputing (**NEUCOM**)
- Pattern Recognition (**PR**)
- IEEE Transactions on Big Data (**TBD**)
- IEEE Transactions on Information Forensics and Security (**TIFS**)

- KSII Transactions on Internet and Information Systems (**TIIS**)
- ACM Transactions on Intelligent Systems and Technology (**TIST**)
- ACM Transactions on Knowledge Discovery from Data (**TKDD**)
- IEEE Transactions on Knowledge and Data Engineering (**TKDE**)
- ACM Transactions on Multimedia Computing Communications and Applications (**TOMCCAP**)
- IEEE Transactions on Neural Networks and Learning Systems (**TNNLS**)
- World Wide Web Journal (**WWWJ**)

(Last updated on March 7, 2019)