

# Kai Shu

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RESEARCH INTERESTS      Data Mining, Machine Learning, Social Computing, Artificial Intelligence

EDUCATION      **Arizona State University** (ASU), Tempe, AZ, USA      Sept. 2015 - July 2020

- Ph.D. in Computer Science
- Thesis Topic: Understanding Disinformation: Learning with Weak Social Supervision
- Area of Study: Data mining, Machine Learning, Social Media Mining
- Advisor: Professor Huan Liu (Fellow of ACM, AAAS, IEEE, AAI)
- GPA: 4.0/4.0

**Chongqing University**, Chongqing, China      Sept. 2012 – Jun. 2015

- Master of Science, Computer Science and Technology

**Chongqing University**, Chongqing, China      Sept. 2008 – Jun. 2012

- Bachelor of Engineering, Network Engineering

PROFESSIONAL EXPERIENCES      **Illinois Institute of Technology**, Chicago, Illinois      Aug. 2020 - Present  
*Gladwin Development Chair Assistant Professor*

**Arizona State University**, Tempe, Arizona      Sep. 2015 – July 2020  
*Research Assistant, Supervisor: Huan Liu*

**Microsoft Research**, Redmond, Washington      May. 2019 – Aug. 2019  
*Research Intern, Mentors: Ahmed Hassan Awadallah and Susan Dumais*

**Yahoo Research**, Sunnyvale, California      May. 2018 – Aug. 2018  
*Research Intern, Mentors: Liangda Li and Yunhong Zhou*

**Chinese Academy of Science**, Beijing, China      Jun. 2014 – Jun. 2015  
*Research Visiting Scholar, Host: Ping Luo*

**Hewlett-Packard Labs**, Beijing, China      Mar. 2012 – Sept. 2013  
*Research Intern, Mentor: Ping Luo*

SUMMARY OF PUBLICATIONS      **Published:** 1 monograph, 1 book, 2 tutorials, 2 book chapters, 27 conference papers, 9 journal papers, 12 preprints, 3 patents, 1 workshop paper, and 1 demo paper.  
**Impact:** 1679 citations, h-index: 16, i10-index: 18 (as of July 22nd 2020)

\*\*\*Please refer to the details about the list of publications at my google scholar profile page:  
<https://scholar.google.com/citations?user=-6bAV2cAAAAJ&hl=en>

My publication can be generally categorized into the following areas, and a representative paper is listed under each area:

- **Disinformation/Fake News Detection** [17][19][20][1][2][41][39][6][56][59]

- **Kai Shu**, Limeng Cui, Suhang Wang, Dongwon Lee, and Huan Liu, “dEFEND: Explainable Fake News Detection” in the 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD 2019**)
- **Recommendation and Ranking** [29][21][24][28][30][40][57][2]
  - **Kai Shu**, Suhang Wang, Jiliang Tang, Yilin Wang, Huan Liu “CrossFire: Cross Media Joint Friend and Item Recommendations” the 11th International Conference on Web Search and Data Mining (**WSDM 2018**).
- **Security and Privacy** [32][26][27][23]
  - **Kai Shu**, Ping Luo, Li Wan, Peifeng Yin, Linpeng Tang, “Deal or Deceit: Detecting Cheating in Distribution Channels”, in the 23rd ACM International Conference on Information and Knowledge Management (**CIKM 2014**)

#### TUTORIALS

- [1] Reza Zafarani, Xinyi Zhou, **Kai Shu**, Huan Liu “Fake News Research: Theories, Detection Strategies, and Open Problems”, the 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD 2019**).  
[Media coverage](#): [A Blog in Japanese][Datanami]
- [2] Xinyi Zhou, Reza Zafarani, **Kai Shu**, Huan Liu “Fake News: Fundamental Theories, Detection Strategies and Challenges”, the 12th International Conference on Web Search and Data Mining (**WSDM 2019**).  
[Media coverage](#): [Psychology Today]

#### BOOKS OR BOOK CHAPTERS

- [3] **Kai Shu**, Suhang Wang, Dongwon Lee, and Huan Liu, “Mining Disinformation and Fake News: Concepts, Methods, and Recent Advancements. ”, Lecture Notes in Social Network (LNSN), Springer Press, 2020.
- [4] **Kai Shu**, Suhang Wang, Dongwon Lee, and Huan Liu, Editors. “Fake News, Disinformation, and Misinformation in Social Media”, Springer, to appear in early 2020. Forthcoming.
- [5] **Kai Shu** and Huan Liu “Detecting Fake News on Social Media”, Morgan & Claypool Publishers, 2019.
- [6] **Kai Shu**, H. Russell Bernard, Huan Liu “Studying Fake News via Network Analysis: Detection and Mitigation.”, chapter. Editors: Nitin Agarwal, Nima Dokoohaki, and Serpil Tokdemir. Lecture Notes in Social Networks (**LNSN**), Springer Press, 2018.

#### REFEREED CONFERENCE PUBLICATIONS

- [7] Lu Cheng, **Kai Shu**, Siqu Wu, Yasin Silva, Deborah Hall and Huan Liu, “Unsupervised Cyberbullying Detection via Time-Informed Deep Clustering”, in proceedings of the 29th ACM International Conference on Information and Knowledge Management (**CIKM 2020**)
- [8] Kaize Ding, Jianling Wang, Jundong Li, **Kai Shu**, Chenghao Liu and Huan Liu, “Graph Prototypical Networks for Few-shot Learning on Attributed Networks”, in proceedings of the 29th ACM International Conference on Information and Knowledge Management (**CIKM 2020**)

- [9] **Kai Shu**, Guoqing Zheng, Yichuan Li, Subhabrata Mukherjee, Ahmed Hassan Awadallah, Scott Ruston, and Huan Liu, “Leveraging Multi-Source Weak Social Supervision for Early Detection of Fake News”, in proceedings of the 18th European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (**ECML-PKDD 2020**)
- [10] Qianru Wang, Bin Guo, Yi Ouyang, **Kai Shu**, Zhiwei Yu, Huan Liu, “Spatial Community-Informed Evolving Graphs for Demand Prediction”, in proceedings of the 18th European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (**ECML-PKDD 2020**)
- [11] **Kai Shu**, Subhabrata Mukherjee\*, Guoqing Zheng\*, Ahmed Hassan Awadallah, Milad Shokouhi and Susan Dumais, “Learning with Weak Supervision for Email Intent Detection”, in proceedings of 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (**SIGIR 2020**)
- [12] **Kai Shu**, Liangda Li, Suhang Wang, Yunhong Zhou, and Huan Liu, “Joint Local and Global Sequence Modeling in Temporal Correlation Networks for Trending Topic Detection”, in Proceedings of 12th ACM Web Science Conference (**WebSci 2020**)
- [13] **Kai Shu**, Deepak Mahudeswaran, Suhang Wang, and Huan Liu, “Hierarchical Propagation Networks for Fake News Detection: Investigation and Exploitation”, in Proceedings of 14th the International AAI Conference on Web and Social Media (**ICWSM 2020**)
- [14] Ghazaleh Beigi, **Kai Shu**, Ruo Cheng Guo, Suhang Wang, Huan Liu “Differentially Privacy Preserving Text Representation Learning”, in Proceedings of the 30th ACM Conference on Hypertext and Social Media (**HT 2019**) (Poster Paper)
- [15] **Kai Shu**, Suhang Wang, Xinyi Zhou, Reza Zafarani, and Huan Liu “The Role of User Profiles for Fake News Detection”, in 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2019**)
- [16] Thai Le, **Kai Shu**, Maria D. Molina, Dongwon Lee, S. Shyam Sundar, and Huan Liu “Using Synthetic Clickbaits to Improve Prediction and Distinguish between Bot-Generated and Human-Written Headlines”, in 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2019**)  
[Media coverage](#): [Newswise]
- [17] **Kai Shu**, Limeng Cui, Suhang Wang, Dongwon Lee, and Huan Liu, “dEFEND: Explainable Fake News Detection” in the 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD 2019**)  
[Media coverage](#): [Techxplore][Penn State News]
- [18] Jayashree Subramanian\*, Varun Sridharan\*, **Kai Shu**, and Huan Liu, “Exploiting Emojis for Sarcasm Detection” in the International Conference on Social Computing, Behavior-Culture Modeling, and Prediction (**SBP 2019**).
- [19] Shuo Yang, **Kai Shu**, Suhang Wang, Renjie Gu, Fan Wu, and Huan Liu, “Unsupervised Fake News Detection on Social Media: A Generative Approach”, in the 33rd AAI Conference on Artificial Intelligence (**AAAI 2019**).
- [20] **Kai Shu**, Suhang Wang, and Huan Liu, “Beyond News Content: The Role of Social Context for Fake News Detection”, in the 12th International Conference on Web Search and Data Mining (**WSDM 2019**).  
[Media coverage](#): [KDNuggets][The Morning Paper]

- [21] Vineeth Rakesh, Suhang Wang, **Kai Shu**, Huan Liu, “Linked Variational AutoEncoders for Inferring Substitutable and Supplementary Items”, in the 12th International Conference on Web Search and Data Mining (**WSDM 2019**).
- [22] **Kai Shu**, Suhang Wang, Thai Le, Dongwon Lee, and Huan Liu, “Deep Headline Generation for Clickbait Detection” in the 2018 IEEE International Conference on Data Mining (**ICDM 2018**)
- [23] Amy Sliva, **Kai Shu**, and Huan Liu, “Using Social Media to Understand Cyber Attack Behavior”, in the 9th International Conference on Applied Human Factors and Ergonomics (**AHFE 2018**)
- [24] **Kai Shu**, Suhang Wang, Jiliang Tang, Yi Chang, Ping Luo, and Huan Liu, “Exploiting User Actions for App Recommendations”, in the 2018 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2018**)
- [25] Wen Zhang, **Kai Shu**, Suhang Wang, Huan Liu, and Yalin Wang, “Multimodal Fusion of Brain Networks with Longitudinal Couplings” in the 21th International Conference on Medical Image Computing and Computer Assisted Intervention (**MICCAI 2018**)
- [26] Ghazaleh Beigi, **Kai Shu**, Huan Liu, “Securing Social Media User Data - An Adversarial Approach” in the 29th ACM Conference on HyperText and Social Media (**HT 2018**).
- [27] **Kai Shu**, Amy Sliva, Justin Sampson, Huan Liu, “Understanding Cyber Attack Behaviors with Sentiment Information on Social Media”, in the International Conference on Social Computing, Behavior-Culture Modeling, and Prediction (**SBP 2018**).
- [28] Xuying Meng, Suhang Wang, **Kai Shu**, Jundong Li, Bo Chen, Huan Liu, Yujun Zhang, “Personalized Privacy-Preserving Social Recommendation”, in the 32nd AAAI Conference on Artificial Intelligence (**AAAI 2018**).
- [29] **Kai Shu**, Suhang Wang, Jiliang Tang, Yilin Wang, Huan Liu “CrossFire: Cross Media Joint Friend and Item Recommendations” the 11th International Conference on Web Search and Data Mining (**WSDM 2018**).
- [30] Suhang Wang, Yilin Wang, Jiliang Tang, **Kai Shu**, Suhas Ranganath, Huan Liu, “What Your Images Reveal: Exploiting Visual Contents for Point-of-Interest Recommendation”, in the 26th International World Wide Web Conference (**WWW 2017**).
- [31] Ling Jian, Jundong Li, **Kai Shu**, Huan Liu “Multi-Label Informed Feature Selection”, in the 25th International Joint Conference on Artificial Intelligence (**IJCAI 2016**).
- [32] **Kai Shu**, Ping Luo, Li Wan, Peifeng Yin, Linpeng Tang, “Deal or Deceit: Detecting Cheating in Distribution Channels”, in the 23rd ACM International Conference on Information and Knowledge Management (**CIKM 2014**).
- [33] Li Wan, **Kai Shu**, Yu Guo, “Sequences Modeling and Analysis Based on Complex Network”, in the International Conference on Communications and Information Processing (**ICCIP 2012**).
- [34] **Kai Shu**, Amrita Bhattacharjee, Faisal Alatawi, Tahora H. Nazer, Kaize Ding, Mansoor Karami, and Huan Liu, “Detecting and Mitigating Disinformation in a Social Media Age”, in WIREs Data Mining and Knowledge Discovery, 2020
- [35] **Kai Shu**, Ahmed Hassan Awadallah, Susan Dumais, and Huan Liu, “Detecting Fake News with Weak Social Supervision”, in **IEEE Intelligent Systems Media coverage**: [Venturebeat] [Digital Information World] [Report Door].

REFEREED  
JOURNAL  
PUBLICATIONS

- [36] **Kai Shu**, Deepak Mahudeswaran, Suhang Wang, Dongwon Lee, Huan Liu “FakeNews-Net: A Data Repository with News Content, Social Context and Dynamic Information for Studying Fake News on Social Media”, in **Journal of Big Data**, **Mary Ann Liebert, Inc. Publishers**
- [37] Qun Zhao, Yuelong Zhu, **Kai Shu**, Dingsheng Wan, Yufeng Yu, Xudong Zhou, and Huan Liu, “Joint Spatial and Temporal Modeling for Hydrological Prediction”, in **IEEE Access 2020**
- [38] Ping Luo, **Kai Shu**, Junjie Wu, Li Wan, and Yong Tan, “Exploring Correlation Network for Cheating Detection”, in **ACM TIST 2019**
- [39] **Kai Shu**, Deepak Mahudeswaran, and Huan Liu, “FakeNewsTracker: A Tool for Fake News Collection, Detection, and Visualization” in the Computational and Mathematical Organization Theory (**CMOT 2018**) (**Best of SBP**)
- [40] Xuying Meng, Suhang Wang, **Kai Shu**, Jundong Li, Bo Chen, Huan Liu, and Yujun Zhang “Towards Privacy Preserving Social Recommendation under Personalized Privacy Settings” **World Wide Web Journal**, 2018
- [41] **Kai Shu**, Amy Sliva, Suhang Wang, Jiliang Tang, Huan Liu “Fake News Detection on Social Media: A Data Mining Perspective”, in **SIGKDD explorations 2017**.  
Included in the curriculum at: [Worcester Polytechnic Institute], [The Hang Seng University of Hong Kong]  
Media coverage: [KDnuggets] [ASLIFacebook] [Data Skeptic] [A Chinese Blog] [Another Chinese Blog] [A Korean Blog] [Wikipedia] [Hackernoon]
- [42] **Kai Shu**, Suhang Wang, Jiliang Tang, Reza Zafarani, Huan Liu, “User Identity Linkage across Online Social Networks”, in **SIGKDD explorations 2016**.

PREPRINTS

- [43] Kaize Ding, **Kai Shu**, Yichuan Li, Amrita Bhattacharjee, and Huan Liu, “Challenges in Combating COVID-19 Infodemic - Data, Tools, and Ethics”
- [44] Ahmadreza Mosallanezhad, **Kai Shu**, Huan Liu, “Topic Preserved News Generation Using Deep Reinforcement Learning”, (Submitted to CIKM’20)
- [45] **Kai Shu**, Ahmadreza Mosallanezhad, Steve Jadav and Huan Liu, “Cross Domain Fake News Detection”, (Submitted to EMNLP’20)
- [46] Wen Zhang, B. Blair Braden, **Kai Shu**, Gustavo Miranda, Suhang Wang, Huan Liu, and Yalin Wang, “Integrating Multimodal and Longitudinal Neuroimaging Data with Multi-Source Network Representation Learning” (Submitted to NeurallImage)
- [47] Kaize Ding, **Kai Shu**, Jundong Li, and Huan Liu, “Cross-domain Anomaly Detection on Attributed Networks” (Submitted to CIKM 2020)
- [48] Lu Cheng, **Kai Shu**, Siqi Wu, and Huan Liu, “Unsupervised Cyberbullying Detection via Time-informed Deep Clustering” (Submitted to CIKM 2020)
- [49] Wen Zhang, **Kai Shu**, Yalin Wang, and Huan Liu, “Graph Neural Networks for User Identity Linkage”
- [50] Chuan Guo, Juan Cao, **Kai Shu**, Xueyao Zhang, and Miao Yu, “Leveraging Dual Emotion for Fake News Detection on Social Media”
- [51] Raha Moraffah, **Kai Shu**, and Huan Liu, “DCDAN: Deep Causal Representation Learning for Unsupervised Domain Adaptation”

- [52] Jiachen Wang, Juan Cao, **Kai Shu**, Yuting Yang, Jintao Li, and Huan Liu, “Style Guided Bilinear Neural Networks for Fake News Detection”
- [53] **Kai Shu**, Liangda Li, Suhang Wang, Yunhong Zhou, Huan Liu “Modeling Diversity, Temporality, and Engagement for Search Trending Topic Detection via QNTRank”
- [54] Fred Morstatter, **Kai Shu**, Suhang Wang, Huan Liu “Cross-Platform Emoji Interpretation: Analysis, a solution, and Applications”

PATENT  
APPLICATIONS

- [55] **Kai Shu**, Subhabrata Mukherjee, Guoqing Zheng, Ahmed Hassan Awadallah, Milad Shokouhi, and Susan Dumais “Joint Learning from Explicit and Inferred Labels”, 2020, US Patent App, 16/876,931
- [56] **Kai Shu**, Deepak Mahudeswaran, Huan Liu “Method and Apparatus for Collecting, Detecting and Visualizing Fake News”, 2018. US Patent App, 62/904,558
- [57] **Kai Shu**, Suhang Wang, Jiliang Tang, Yilin Wang, Huan Liu “Systems and Methods for A Cross Media Joint Friend and Item Recommendation Framework”, 2018. Provisional Patent Application

WORKSHOP AND  
DEMO PAPERS

- [58] Limeng Cui, **Kai Shu**, Suhang Wang, Dongwon Lee, Huan Liu, “dDEFEND: An Explainable Fake News Detection System”, in **CIKM 2019**.
- [59] **Kai Shu**, Suhang Wang, Huan Liu, “Understanding User Profiles on Social Media for Fake News Detection”, in **FakeMM 2018**.

MENTORING  
EXPERIENCE

**PhD Students**

- Ahmadreza Mosallanezhad, CSE@Arizona State Univ. Sep. 2019 – Present  
Research Topic: Neural Text Generation  
Research co-advised with Prof. Huan Liu
- Kaize Ding, CSE@Arizona State Univ. May. 2019 – Present  
Research Topic: Cross-domain Anomaly Detection  
Research Papers: [47]  
Research co-advised with Prof. Huan Liu
- Lu Cheng, CSE@Arizona State Univ. March. 2019 – Present  
Research Topic: Unsupervised Cyberbullying Detection  
Research Papers: [48]  
Research co-advised with Prof. Huan Liu
- Shuo Yang, CSE@Shanghai Jiao Tong Univ. Sep. 2017 – Sep. 2018  
Research Topic: Unsupervised Fake News Detection  
Research Papers: [19]  
Research co-advised with Prof. Huan Liu
- Thai Le, CSE@Penn State Univ. Oct. 2018 – July. 2019  
Research topic: clickbait generation and detection  
Research Papers: [16]  
Research co-advised with Prof. Dongwon Lee

- Chuan Guo, CSE@ Univ. of Chinese Academy of Sciences Jan. 2019 – Present  
Research Topic: Emotion-based Fake News Detection, [50]  
Research co-advised with Prof. Juan Cao
- Qiang Sheng, CSE@ Univ. of Chinese Academy of Sciences Jan. 2019 – Present  
Research Topic: Topic-oriented False News Analysis  
Research co-advised with Prof. Juan Cao

### Master Students

- Deepak Mahudeswaran, CSE@Arizona State Univ. Sep. 2017 – Present  
Research Topic: Fake News Detection and Mitigation  
Research Papers: [39], [36]
- Jayashree Subramanian, CSE@Arizona State Univ. Feb. 2019 – Present  
Research Topic: Sarcasm Detection on Social Media  
Research Papers: [18]
- Varun Sridharan, CSE@Arizona State Univ. Feb. 2019 – Present  
Research Topic: Sarcasm Detection on Social Media  
Research Papers: [18]

### TEACHING EXPERIENCES

- **Co-Instructor & Teaching Assistant**  
CSE 472: Social Media Mining, ASU Fall'2019  
Instructor: Professor Huan Liu
- **Teaching Assistant**  
CSE 472: Social Media Mining, ASU Fall'2018  
Instructor: Professor Huan Liu
- **Teaching Assistant**  
CSE Applied Cryptography, ASU Fall'2015  
Instructor: Prof. Rida Bazzi
- **Teaching Assistant**  
CSE 572: Data Mining, ASU Spring'2016  
Instructor: Prof. Frank Calliss
- **Teaching Assistant**  
CSE 240: Introduction to Programming Language, ASU Spring'2016  
Instructor: Prof. Yinong Chen

### HONERS & AWARDS

- Best Reviewer Award, ICWSM 2020 June 2020
- CIDSE Doctoral Fellowship Award, Arizona State University March 2020
- ACM SIGKDD Student Travel Award June 2019
- SBP Challenge Award Winner July 2018
- CIDSE Doctoral Fellowship Award, Arizona State University Aug. 2015
- Outstanding Graduate Student, Chongqing Province Jul. 2012
- National Encouragement Scholarships (1/53) Oct. 2009

### SELECTED MEDIA COVERAGES

- Venturebeat (2020): AI tools could improve fake news detection by analyzing users' interactions and comments
- Analyticsindiamag (2020): How Microsoft Set A New Benchmark To Track Fake News
- Venturebeat (2020): Microsoft claims its AI framework spots fake news better than

state-of-the-art baselines

- Analyticsindiamag (2020): Top ML Projects To Fight Fake News Fatigue During COVID-19
- Arizona PBS Cronkite News (2019): Fires in the Amazon: Arizona researchers determine what's true, what's not
- Penn State News (2019): What makes a piece of news fake?
- Datanami (2019): AI Squares Off Against Fake News
- Newswise (2019): Clickbait Secrets Exposed! Humans and AI team up to improve clickbait detection
- Psychology Today (2019): What is Fake News? Is Debate Worth the Effort?
- The Morning Paper (2019): Beyond news contents: the role of social context for fake news detection
- ASU Full Cycle (2019): Students' Fresh Perspectives Lead ASU Researcher to Success.
- ASU News/Co Lab blog (2019): Can AI help discern fact from fake on social media?
- Data Skeptic (2018): Algorithmic Detection of Fake News
- ASU Now (2018): The data defenders
- KD Nuggets (2017): A Quick Guide to Fake News Detection on Social Media

#### PROFESSIONAL TALKS

- "Challenges in Combating COVID-19 Infodemic", invited talk at the first WHO Infodemiology Conference, July, 2020
- "Some Lessons Learned in Detecting and Explaining Fake News on Social Media", keynote talk at the workshop on data science for Fake News, co-presented remotely, May, 2020.
- "Learning with Weak Supervision from User Interactions", invited talk at Microsoft Research AI Power Lunch talk series, August, 2019.
- "dEFEND: Explainable Fake News Detection", invited talk at KDD workshop on "Truth Discovery and Fact Checking: Theory and Practice", August, 2019.
- "Beyond News Contents: The Role of Social Context for Fake News Detection", invited talk at Microsoft Research AI Power Lunch talk series, June, 2019.
- "Detecting Fake News on Social Media", invited talk at News Co/Lab at ASU, June, 2019.
- "Fake News: Fundamental Theories, Detection Strategies and Challenges.", tutorial in the 12th International Conference on Web Search and Data Mining (WSDM 2019)
- "Fake News on Social Media: Characterization and Detection", Second International Workshop on Artificial Intelligence and Optimization (WAI018), remote participation via video conferencing, Chiapas, Mexico. November 8, 2018
- "FakeNewsTracker: A Tools for Fake News Collection, Detection and Visualization", Global Engagement Center (GEC)'s Tech Innovation Program, the US Department of State. December 20, 2018
- "Fake News on Social Media: Characterization and Detection", Institute of Computing Technology, Chinese Academy of Sciences, remote participation via video conference. January 3, 2019

#### PROFESSIONAL SERVICES

##### **Editors**

- Book editor, Fake News, Disinformation, and Misinformation, Springer, 2019
- Guest co-editor, Special Section on Fusion of Deep Learning Methodologies and Applications for Fake News on Social Media, IEEE Access, 2019

##### **Conference Chairs and Organizers**

- SIAM SDM Workshop on FEND Publicity Chair, 2019
- Co-organizer, ACM CIKM, The 5th International Workshop on Mining Actionable Insights from Social Networks (MAISoN 2020)

##### **Program Committees**



- The 12th International ACM Conference on Web Science (WebSci'20)
- The 14th IEEE International Conference on Semantic Computing (ICSC 2020)
- The Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI'20)
- 2019 IEEE International Conference on Cognitive Machine Intelligence (CogMI'19)
- 28th International Conference on Artificial Neural Networks (ICANN'19)
- The IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2019, 2020
- SIGIR workshop on Reducing Online Misinformation Exposure (ROME'19)
- International AAAI Conference on Web and Social Media (ICWSM), 2019
- IEEE International Conference on Big Data (BigData), 2016, 2017, 2018

#### **Journal Reviewers**

- ACM Transactions on the Web (TWEB)
- Frontiers
- ACM Computing Survey
- SAGE Open
- Springer Nature Applied Science (SNAS)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- ACM Transactions on Intelligent Systems and Technology (TIST)
- Neurocomputing (NEUCOM)
- IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
- Natural Language Engineering (NLG)
- Computers & Security (COSE)
- World Wide Web Journal (WWWJ)
- Journal of Computational Science (JOCS)

#### **Conference Reviewers**

- TheWebConf, 2019
- ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2018
- International AAAI Conference on Web and Social Media (ICWSM), 2016, 2018
- Pacific Asia Knowledge Discovery and Data Mining (PAKDD), 2018
- AAAI Conference on Artificial Intelligence (AAAI), 2018
- ACM International Conference on Conference on Information and Knowledge Management (CIKM), 2017
- ACM International Conference on Web Search and Data Mining (WSDM), 2017, 2019
- IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2016, 2017, 2018
- ACM Conference on Recommender Systems (RecSys), 2016
- International Joint Conferences on Artificial Intelligence (IJCAI), 2016