

Yuan Hong

CONTACT INFORMATION	Department of Computer Science Illinois Institute of Technology WWW: http://cs.iit.edu/~yhong/	Address: 10 W 31st Street Chicago, IL 60616 E-Mail: yuan.hong@iit.edu
RESEARCH INTERESTS	Privacy: Secure Multiparty Computation, Differential Privacy, Anonymity Security: Applied Cryptography, Data Analytics for Security and Forensics Optimization: Graph, Convex Optimization, Scheduling, Optimization for Data Mining	
EDUCATION	Rutgers, the State University of New Jersey Ph.D. in <i>Information Technology</i> October 2013 Dissertation: Privacy-preserving Collaborative Optimization Advisor: Jaideep Vaidya Committee: Jaideep Vaidya (Chair), Vijay Atluri, Nabil Adam and Chris Clifton	
	Concordia University, Montreal, Canada M.Sc. in <i>Computer Science</i> June 2008 Thesis: Preserving Privacy in Web-based e-Health Systems Advisors: Rachida Dssouli and Lingyu Wang	
	Beijing Institute of Technology B.Sc. in <i>Information Systems</i> June 2004 (Concentration in <i>Operations Research</i> ; Minor in <i>Computer Science</i>)	
PROFESSIONAL EXPERIENCE	Assistant Professor August 2017 to Present Department of Computer Science Illinois Institute of Technology, Chicago, IL, USA	
	Assistant Professor August 2013 to August 2017 Department of Information Security and Digital Forensics Department of Computer Science (by Courtesy) University at Albany, SUNY, NY, USA	
	Research Assistant Sept 2008 to July 2013 Center for Information Management, Integration and Connectivity (CIMIC) Rutgers, the State University of New Jersey, NJ, USA	
	Research Assistant Sept 2005 to June 2008 Concordia Institute for Information Systems Engineering Concordia University, Montreal, Canada	
	Software Engineer July 2004 to July 2005 AVIC South Aviation Industry Co., LTD, Shenzhen, China	
RESEARCH GRANTS	Awarded Grants <ul style="list-style-type: none">• National Science Foundation (NSF) CNS-1618221/1745894 “TWC: Small: Privacy Preserving Cooperation among Microgrids for Efficient Load Management on the Grid” (Secure and Trustworthy Cyberspace Program) Role: PI. Project Duration: 09/01/2016-08/31/2019. Awarded Amount: \$477,483• Wanger Institute for Sustainable Energy Research (WISER) “PARSED: Privately Sharing the Smart Energy Data” (ISFG Program) Role: PI. Project Duration: 07/01/2018-05/31/2019. Awarded Amount: \$37,500	

- **FRAP B at University at Albany, SUNY**
“Investigating Microgrid Privacy on the Power Grid”
Role: **PI**. Project Duration: 05/01/2016-04/30/2017. Awarded Amount: \$3,049
- **SUNY STEM Research Passport**
“Developing Privacy-preserving Techniques for Cyber-Physical Systems”
Role: **PI**. Project Duration: 05/01/2015-08/31/2015. Awarded Amount: \$9,000 (\$7,000 SUNY+\$2,000 Department)

JOURNAL
ARTICLES

- [1] Anyi Liu, Huirong Fu, **Yuan Hong**, Jigang Liu and Yingjiu Li. “LiveForen: Ensuring Live Forensic Integrity in the Cloud.” *IEEE Transactions on Information Forensics and Security (TIFS)*, Accepted, 2019.
- [2] Lu Ou, Zheng Qin, Shaolin Liao, **Yuan Hong** and Xiaohua Jia. “Releasing Correlated Trajectories: Towards High Utility and Optimal Differential Privacy.” *IEEE Transactions on Dependable and Secure Computing (TDSC)*, Accepted, 2018.
- [3] Weizhen Rao, Shengbin Wang and **Yuan Hong**, “A Distance Matrix Based Algorithm for Solving the Traveling Salesman Problem.” *Operational Research*, Accepted, 2018.
- [4] Yunlong Zhang, **Yuan Hong** and Ken Choi, “Optimal Energy-dissipation Control for SOC based Balancing in Series connected Lithium-ion Battery Packs.” *Multimedia and Tools*, Accepted, 2018, Springer.
- [5] Haibing Lu, Wendong Zhu, Joseph Phan, Manoochehr Ghiassi, Yi Fang, **Yuan Hong** and Xiaoyun He, “Fault-Tolerant Tile Mining.” *Expert Systems with Applications*, Vol. 101, pp. 25-42, 2008.
- [6] Shengbin Wang, Feng Liu, Lian Lian, **Yuan Hong** and Haozhe Chen, “Integrated Post-Disaster Medical Assistance Team Scheduling and Relief Supply Distribution.” *International Journal of Logistics Management*, Vol. 29(4), pp.1279-1305, 2018.
- [7] **Yuan Hong**, Wen Ming Liu and Lingyu Wang. “Privacy Preserving Smart Meter Streaming against Information Leakage of Appliance Status.” *IEEE Transactions on Information Forensics and Security (TIFS)*, Vol. 12(9), pp. 2227-2241, 2017.
- [8] Feng Liu, Shengbin Wang, **Yuan Hong** and Xiaohang Yue. “On the Robust and Stable Flowshop Scheduling under Stochastic and Dynamic Disruptions.” *IEEE Transactions on Engineering Management (TEM)*, Vol. 64(4), pp. 539-553, 2017.
- [9] **Yuan Hong**, Shengbin Wang and Ziyue Huang. “Efficient Energy Consumption Scheduling: Towards Effective Load Leveling.” *Energies*, Vol. 10(1), 2017.
- [10] **Yuan Hong**, Sanjay Goel and Wen Ming Liu. “An Efficient and Privacy Preserving Scheme for Energy Exchange among Smart Microgrids.” *International Journal of Energy Research (IJER)*, Vol. 40(3), pp. 313-331, March 2016, Wiley.
- [11] **Yuan Hong**, Jaideep Vaidya, Haibing Lu and Wen Ming Liu. “Accurate and Efficient Query Clustering via Top Ranked Search Results.” *Web Intelligence: An International Journal (WI)*, Vol. 14(2), pp. 119-138, 2016, IOS Press.
- [12] M. Shekhawat, S. Deshmukh, G., Monroy, A. Tiwari, X. He, H. Shin. **Y. Hong** and H. Lu, “Usability Test of Personality Type within a Roommate Matching Website: A Case Study.” *Journal of International Technology and Information Management, IIMA*, Vol. 23(5), Article 5, 2016.
- [13] **Yuan Hong**, Jaideep Vaidya, Haibing Lu, Panagiotis Karras and Sanjay Goel. “Collaborative Search Log Sanitization: Toward Differential Privacy and Boosted Utility.” *IEEE Transactions on Dependable and Secure Computing (TDSC)*, Vol. 12(5), pp. 504-518, 2015, IEEE Computer Society.

- [14] Haibing Lu, **Yuan Hong**, Yanjiang Yang, Lian Duan and Nazia Badar. “Towards User-Oriented RBAC Model.” *Journal of Computer Security (JCS)*, Vol 23(1), pp. 107-129, 2015, IOS Press.
- [15] **Yuan Hong**, Jaideep Vaidya and Shengbin Wang. “A Survey of Privacy-aware Supply Chain Collaboration: From Theory to Applications.” *Journal of Information Systems (JIS)*, Vol. 28(1), pp. 243-268, 2014, AAA.
- [16] **Yuan Hong** and Jaideep Vaidya. “An Inference-proof Approach to Privacy-preserving Horizontally Partitioned Linear Programs.” *Optimization Letters*, Vol. 8(1), pp. 267-277, 2014, Springer-Verlag.
- [17] **Yuan Hong**, Jaideep Vaidya and Haibing Lu. “Secure and Efficient Distributed Linear Programming.” *Journal of Computer Security (JCS)*, Vol. 20(5), pp. 583-634, 2012, IOS Press.
- [18] Haibing Lu, Jaideep Vaidya, Vijay Atluri and **Yuan Hong**. “Constraint-Aware Role Mining via Extended Boolean Matrix Decomposition.” *IEEE Transactions on Dependable and Secure Computing (TDSC)*, Vol. 9(5), pp. 655-669, 2012, IEEE Computer Society.

REFEREED
 CONFERENCE
 PAPERS
 (* STUDENT
 ADVISEE)

- [1] Shangyu Xie*, **Yuan Hong** and Peng-Jun Wan. “A Privacy Preserving Multiagent System for Load Balancing in the Smart Grid.” In *Proceedings of the 18th International Conference on Autonomous Agents and Multiagent Systems (AAMAS '19)*, Montreal, Canada, May 13-17, 2019, Accepted.
- [2] Meisam Mohammady*, Lingyu Wang, **Yuan Hong**, Habib Louafi, Makan Pourzandi and Mourad Debbabi. “Preserving Both Privacy and Utility in Network Trace Anonymization.” In *Proceedings of the 25th ACM Conference on Computer and Communications Security (CCS '18)*, Toronto, Canada, Oct 15-19, 2018, Pages 459-474, ACM.
- [3] **Yuan Hong**, Han Wang*, Shangyu Xie* and Bingyu Liu*. “Privacy Preserving and Collusion Resistant Energy Sharing.” In *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP '18)*, Calgary, Canada, April 22-27, 2018, Pages 6941-6945, IEEE.
- [4] Yanfeng Qu, Xin Liu, Dong Jin, **Yuan Hong** and Chen Chen. “Enabling a Resilient and Self-healing PMU Infrastructure Using Centralized Network Control.” In *in Proceedings of the 2018 ACM International Workshop on Security in Software Defined Networks & Network Function Virtualization (SDN-NFV '18)*, Tempe, Arizona, USA, March 21, 2018, Pages 13-18, ACM.
- [5] **Yuan Hong**, Sanjay Goel, Haibing Lu and Shengbin Wang. “Discovering Energy Communities for Microgrids on the Power Grid.” In *Proceedings of the IEEE International Conference on Smart Grid Communications (SmartGridComm '17)*, Dresden, Germany, Oct 23-26, 2017, Pages 64-70, IEEE.
- [6] Ersin Dincelli*, **Yuan Hong** and Nic DePaula. “Homophily Effects on Diffusion of Ideas and Opinion Change: The Case of the Gezi Park Protests.” In *Proceedings of the 79th Annual Meeting of the Association for Information Science and Technology (ASIS&T '16)*, Copenhagen, Denmark, 2016, ACM.
- [7] Justin Giboney, Joseph Buckman and **Yuan Hong**. “Social Media is Weakening Passwords.” In *Proceedings of the AIS SIGSEC Workshop in Information Security and Privacy (WISP '15)*, in Conjunction with the International Conference on Information Systems (ICIS '15), Ft. Worth, TX, 2015, Article 3, Association for Information Systems.
- [8] Nicholas Rizzo*, Ethan Sprissler*, **Yuan Hong** and Sanjay Goel. “Privacy-preserving Driving Style Recognition.” In *Proceedings of the 2015 IEEE International Conference*

on *Connected Vehicles and Expo (ICCVE '15)*, Shenzhen, China, Nov. 2015, Pages 232-237, IEEE.

- [9] **Yuan Hong**, Jaideep Vaidya, Haibing Lu and Lingyu Wang. “Collaboratively Solving Traveling Salesman Problem with Limited Disclosure.” In *Proceedings of the 28th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '14)*, Vienna, Austria, July 14-16, 2014, Pages 179-194, Springer-Verlag.
- [10] Haibing Lu, **Yuan Hong**, Yanjiang Yang, Yi Fang and Lian Duan. “Dynamic Workflow Adjustment with Security Constraints.” In *Proceedings of the 28th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '14)*, Vienna, Austria, July 14-16, 2014, Pages 211-226, Springer-Verlag.
- [11] Jaideep Vaidya, Anirban Basu, Basit Shafiq and **Yuan Hong**. “Differentially Private Naïve Bayes Classification.” In *Proceedings of the 12th IEEE International Conference on Web Intelligence (WI '13)*, Atlanta, GA, USA, Nov. 17-20, 2013, Pages 571-576, IEEE Computer Society.
- [12] Haibing Lu, **Yuan Hong**, Yanjiang Yang, Lian Duan and Nazia Badar. “Towards User-Oriented RBAC Model.” In *Proceedings of the 27th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '13)*, Newark, NJ, USA, July 15-17, 2013, Pages 81-96, Springer-Verlag.
- [13] Haibing Lu, **Yuan Hong**, Nick Street, Fei Wang and Hanghang Tong. “Overlapping Clustering with Sparseness Constraints.” In *Proceedings of International Conference on Data Mining Workshops (ICDMW '12)*, Brussels, Belgium, December 10-13, 2012, Pages 486-494, IEEE Computer Society.
- [14] Danish Mehmood, Basit Shafiq, Jaideep Vaidya, **Yuan Hong**, Nabil Adam and Vijay Atluri. “Privacy Preserving Subgraph Discovery.” In *Proceedings of the 26th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '12)*, Paris, France, July 11-13, 2012, Pages 161-176, Springer-Verlag.
- [15] **Yuan Hong**, Jaideep Vaidya, Haibing Lu and Mingrui Wu. “Differentially Private Search Log Sanitization with Optimal Output Utility.” In *Proceedings of the 15th ACM International Conference on Extending Database Technology (EDBT '12)*, Berlin, Germany, March 26-30, 2012, Pages 50-61, ACM Press. (Acceptance rate: 22.5%)
- [16] **Yuan Hong**, Jaideep Vaidya, Haibing Lu and Basit Shafiq. “Privacy-preserving Tabu Search for Distributed Graph Coloring.” In *Proceedings of the Third IEEE International Conference on Privacy, Security, Risk and Trust (PASSAT '11)*, MIT, Boston, USA, October 9-11, 2011, Pages 951-958, IEEE Computer Society. (Acceptance rate: 8%)
- [17] **Yuan Hong**, Jaideep Vaidya and Haibing Lu. “Search Engine Query Clustering using Top-k Search Results.” In *Proceedings of the 10th IEEE International Conference on Web Intelligence (WI '11)*, Lyon, France, August 22-27, 2011, Pages 112-119, IEEE Computer Society. (Acceptance rate: 20.5%)
- [18] **Yuan Hong**, Jaideep Vaidya and Haibing Lu. “Efficient Distributed Linear Programming with Limited Disclosure.” In *Proceedings of the 25th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '11)*, Richmond, VA, USA, July 11-13, 2011, Pages 170-185, Springer-Verlag.
- [19] Haibing Lu, Jaideep Vaidya, Vijay Atluri and **Yuan Hong**. “Extended Boolean Matrix Decomposition.” In *Proceedings of the 2009 International Conference on Data Mining (ICDM '09)*, Miami, FL, USA, December 6-9, 2009, Pages 317-326, IEEE Computer Society. (Acceptance rate: 8.9%)

- [20] **Yuan Hong**, Xiaoyun He, Jaideep Vaidya, Nabil Adam and Vijay Atluri, “Effective Anonymization of Query Logs.” In *Proceedings of the 18th ACM International Conference on Information and Knowledge Management (CIKM ’09)*, Hong Kong, China, Nov. 2-6, 2009, Pages 1465-1468, ACM Press. (Acceptance rate: 20.2%)
- [21] **Yuan Hong**, Shuo Lu, Qian Liu, Lingyu Wang and Rachida Dssouli. “Preserving Privacy in e-Health Systems Using Hippocratic Databases.” In *Proceedings of the 32nd Annual IEEE International Computer Software and Applications Conference (COMPSAC ’08)*, Turku, Finland, July 2008, Pages 692-697, IEEE Computer Society.
- [22] Qian Liu, Shuo Lu, **Yuan Hong**, Lingyu Wang and Rachida Dssouli. “Securing Tele-health Applications in a Web-based e-Health Portal.” In *Proceedings of the Third IEEE International Conference on Availability, Reliability and Security (ARES ’08)*, Barcelona, Spain, March 4-7, 2008, Pages 3-9, IEEE Computer Society. (Acceptance rate: 21.1%)
- [23] **Yuan Hong**, Shuo Lu, Qian Liu, Lingyu Wang and Rachida Dssouli. “A Hierarchical Approach to the Specification of Privacy Preferences.” In *Proceedings of the 2007 IEEE International Conference on Innovations in Information Technology*, Dubai, November 2007, Pages 660-664, IEEE Communication Society.
- [24] Shuo Lu, **Yuan Hong**, Qian Liu, Lingyu Wang and Rachida Dssouli. “Access Control in e-Health Portal Systems.” In *Proceedings of the 2007 IEEE International Conference on Innovations in Information Technology*, Dubai, November 2007, Pages 88-92, IEEE Communication Society.
- POSTER PAPERS [1] **Yuan Hong**, Wen Ming Liu and Lingyu Wang. “Privacy-preserving Smart Meter Streaming against Inference Attacks.” In the *37th IEEE Symposium on Security and Privacy (S&P ’16)*, San Jose, CA, May 23-25, 2016.
- [2] Yumei Chen, **Yuan Hong** and Theresa Pardo. “Integrating Data Masking Standards and Applications into Open Government Data.” In *Proceedings of the 2016 IFIP EGOV/ePart Conference (EGOV ’16)*, Guimaraes, Portugal, 2016, Pages 384-385.
- EDITED BOOKS AND BOOK CHAPTERS [1] Sanjay Goel, **Yuan Hong**, Justin Giboney and Pradeep Atrey (Eds.). “Innovations in Information Security.” World Scientific Publishing, ISBN 978-981-3147-02-7, 2018.
- [2] Sanjay Goel, **Yuan Hong**, Vagelis Papakonstantinou and Dariusz Kaloza (Eds.). “Smart Grid Security.” Springer, London, ISBN 978-1-4471-6662-7, 2015.
- [3] Sanjay Goel and **Yuan Hong**. “Cyber War Games: Strategic Jostling Among Traditional Adversaries (Chapter 1)” in “Cyber Warfare: Building the Scientific Foundation.” Sushil Jajodia, Paulo Shakarian, V.S. Subrahmanian, Vipin Swarup, Cliff Wang (Eds.), Springer, Berlin, ISBN 978-3-319-14038-4, 2015.
- INVITED TALKS
- “Preserving Both Privacy and Utility in Network Trace Anonymization”, Florida International University, Miami, Nov 30, 2018
 - “Privacy Preserving Smart Meter Streaming against Information Leakage of Appliance Status”, HotPrivacy Workshop, George Washington University, Washington, DC, September 26, 2018
 - “Preserving Privacy in the Smart Grid”, Department of Computer Science, Dongguan University of Technology, Dongguan, China, July 6, 2018
 - “Privacy Preserving Energy Exchange”, School of Computer Science and Technology, University of Computer Science and Technology, Hefei, China, January, 2018
 - “Privacy Preserving Energy Exchange”, HotPrivacy Workshop, George Washington University, Washington, DC, August 1, 2017
 - “Query Log Sanitization with Guaranteed Privacy Protection”, School of Emergence Management, Jinan University, Guangzhou, China, December 22, 2017

- “Privacy Preserving Driving Style Recognition”, invited Colloquium at the Annual Cybersecurity Conference, NYIT, New York, September 22, 2016
- “Query Log Sanitization with Guaranteed Privacy Protection”, School of Information Engineering, China University of Geosciences, Wuhan, China, July 5, 2016
- “Query Log Sanitization with Guaranteed Privacy Protection”, Concordia Institute of for Information Systems Engineering, Montreal, Canada, September 3, 2015
- “Privacy in the Context of Digital Government”, School of Public Administration, South China University of Technology, Guangzhou, China, December 31, 2014
- “Preventing Privacy Leakage in Query Logs”, College of Computing and Information, State University of New York at Albany, NY, October, 2014
- “Collaborative Optimization with Limited Information Disclosure”, Department of Information Technology Management, State University of New York at Albany, NY, April, 2013
- “Privacy-preserving Collaborative Optimization”, Department of Information and Computer Science, University of Hawaii at Manoa, Honolulu, HI, April, 2013
- “Collaborative Optimization with Limited Information Disclosure”, Yahoo! Labs, Sunnyvale, CA, March, 2013
- “Privacy-preserving Collaborative Optimization”, CS Colloquium in the Department of Computer Science and Computer Engineering, University of Arkansas, Fayetteville, AR, March, 2013
- “Privacy-preserving Collaborative Optimization”, Security Colloquium at the School of Information Sciences, University of Pittsburgh, Pittsburgh, PA, February, 2013
- “Privacy-preserving Collaborative Optimization”, Department of Computer Science, Central Michigan University, Mt. Pleasant, MI, February, 2013
- “Privacy-preserving Collaborative Optimization”, Rutgers Business School, Newark, NJ, March 19, 2012
- “A Hierarchical Approach to the Specification of Privacy Preferences”, CIISE Seminar, Montreal, Canada, November, 2007

AWARDS	AIS-SIG-ISAP Excellent Paper Award	Dec 2018
	IEEE Senior Member	June 2018
	Junior Faculty Research Award (One Per School), SUNY-Albany	May 2015
	Dissertation Fellowship, Rutgers University	2012
	Dean’s Research Award, Rutgers University	2009, 2010, 2012
	Student Travel Grant/Award	2009, 2011, 2012
	Renmin Scholarship for Academic Excellence, BIT	2000-2004
	Third Prize, National Olympiad Contest in Physics, China	2000

PROFESSIONAL
ACTIVITIES

Journal Review

- IEEE Transactions on Dependable and Secure Computing (TDSC)
- IEEE Transactions on Information Forensics and Security (TIFS)
- ACM Transactions on Privacy and Security (TOPS)
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE Transactions on Intelligent Transportation Systems (TITS)
- IEEE Transactions on Cloud Computing (TCC)
- IEEE Transactions on Big Data (TBD)
- IEEE Transactions on Parallel and Distributed Systems (TPDS)
- IEEE Transactions on Engineering Management (TEM)
- IEEE Transactions on Emerging Topics in Computing (TETC)
- Information Systems Research (ISR), INFORMS
- Journal of Computer Security (JCS), IOS Press
- International Journal of Energy Research (IJER), Wiley
- Journal of Information Systems (JIS)

- European Journal of Operational Research (EJOR), Elsevier
- Journal of Management Information Systems (JMIS), Taylor & Francis Online
- IEEE Power Engineering Letters
- Information Sciences, Elsevier
- Journal of Biomedical Informatics (JBI), Elsevier
- Journal of Systems and Software (JSS), Elsevier
- International Journal of Security and Networks (IJSN), Inderscience
- Knowledge and Information Systems (KAIS), Springer-Verlag
- Knowledge Engineering Review, Cambridge
- Computers & Security (COSE), Elsevier
- Software Quality Journal, Elsevier

Grant Proposal Review

- Natural Sciences and Engineering Research Council of Canada (NSERC), 2014

Publicity Chair

- The 2018 NSF Conference on Practice and Science of Public Participation in STEM Research
- The 13th International Conference on Information Systems Security (ICISS)

Conference TPC

- The 39th IEEE International Conference on Distributed Computing Systems (ICDCS '19), Dallas, TX
- The 33rd AAAI Conference on Artificial Intelligence (AAAI '19), Honolulu, Hawaii
- The 33rd Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '19), Charleston, SC
- The 20th International Conference on Information and Communications Security (ICICS '18), Lille, France
- The 32nd Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '18), Bergamo, Italy
- The 2018 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2018), Calgary, Alberta, Canada
- The 8th ACM Conference on Data and Application Security and Privacy (CODASPY '18), Tempe, AZ, USA (Poster Track)
- The 2018 NSF Conference on Practice and Science of Public Participation in STEM Research
- The 31st Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '17)
- The IJCAI 2017 Workshop Abuse Preventive Data Mining, Melbourne, Australia
- The 13th International Conference on Information Systems Security (ICISS)
- The IEEE Technology and Engineering Management Society Annual Conference (TEM '17), 2017
- The 30th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '16)
- The 2016 IEEE Workshop on Privacy in Collaborative & Social Computing (PiCSoc 2016) in Conjunction with the 2016 International Conference on Collaboration and Internet Computing (CIC 2016)
- The 11th IEEE International Workshop on Trust Collaboration (TrustCol '16) in Conjunction with the 2016 IEEE International Conference on Collaboration and Internet Computing (CIC 2016)
- The 10th IEEE International Workshop on Trust Collaboration (TrustCol '15) in Conjunction with the 2015 IEEE International Conference on Collaboration and Internet Computing (CIC 2015)
- The 29th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '15)
- The 19th European Symposium on Research in Computer Security (ESORICS '14)

- The 28th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '14)
- The 9th International Workshop on Trust Collaboration (TrustCol '14) in Conjunction with CollaborateCom '14
- The 9th IEEE International Workshop on Security, Trust, and Privacy for Software Applications (STPSA '14) in Conjunction with COMPSAC '14
- The IEEE 9th International Conference on Emerging Technologies (ICET '13)
- The IEEE 8th International Conference on Emerging Technologies (ICET '12)
- The IEEE 13th International Multi-topic Conference (INMIC '09)

Conference Paper Review

- ECIS '14, CoDIT '14, ICIS '13, AMCIS '13, VTC '13, CODASPY '12, KDD '12 '10, ESORICS '11 '08, ICDM '12 '10 '09, DBSEC '10, SEC '08

Conference Volunteer

- The 27th Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSEC '13)
- The 17th ACM Symposium on Access Control and Technologies (SACMAT '12)

Membership

- Association for Computing Machinery (ACM)
- Institute of Electrical and Electronics Engineers (IEEE) – Senior Member
- International Federation for Information Processing (IFIP)
- ACM Special Interest Group on Security, Audit and Control (SIGSAC)

STUDENTS

Ph.D. Students

- Bingyu Liu (CS at Illinois Tech)
- Han Wang (CS at Illinois Tech)
- Shangyu Xie (CS at Illinois Tech)
- Meisam Mohammady (Co-advised with Dr. Lingyu Wang)

M.Sc. Students

- Li Xu (CS at Illinois Tech)

Ph.D. Dissertation Committee

- Haohua Du (CS at Illinois Tech)
- Fahad Al-dhelaan (CS at Illinois Tech)
- Tianyu Zhao (Finance at Illinois Tech)
- Jiaqi Yan (CS at Illinois Tech)
- Jianwei Qian (CS at Illinois Tech)
- Miaomiao Pan (Finance at Illinois Tech)
- Yunlong Zhang (ECE at Illinois Tech)

Alumni

- Ersin Dincelli (Part-time Doctoral Research Assistant). First Job: Assistant Professor at Univ. of Colorado at Denver
- Nicholas Rizzo (Undergraduate Research Assistant). Now Ph.D. at SUNY-Albany
- Daniel Ziolkowski (Undergraduate Research Assistant). First Job: KPMG
- Nicole Ganz (Honor Student Thesis Advisee). First Job: Risk Analyst at PwC

TEACHING

Illinois Institute of Technology

- CS528: Data Privacy and Security: Spring 2019
- CS425: Data Organization: Fall 2018
- CS695: Doctoral Seminar: Spring 2018
- CS595: Data Privacy and Security: Spring 2018
- CS425: Data Organization: Fall 2017

University at Albany, SUNY

BFOR302: E-Discovery Forensics: Spring 2017
BFOR302: E-Discovery Forensics: Spring 2016
BFOR302: E-Discovery Forensics: Spring 2015
BFOR203: Networking: Introduction to Data Communication: Fall 2015
BFOR203: Networking: Introduction to Data Communication: Fall 2014
BFOR202: Cyber Crime Investigation: Spring 2017
BFOR202: Cyber Crime Investigation: Fall 2015
BFOR202: Cyber Crime Investigation: Spring 2015
BFOR202: Cyber Crime Investigation: Fall 2014
BFOR202: Cyber Crime Investigation: Spring 2014
UFSP 100: Freshman Seminar: Fall 2015

SERVICES

Illinois Institute of Technology

Ph.D. Coordinator, 09/2008-Present
Member, Graduate Studies Committee, 09/2017-08/2019
Member, Faculty Search Committee, 09/2017-08/2018

University at Albany, SUNY

Founding Faculty Member, Department of Information Security & Digital Forensics
Member, Personnel Committee, 09/2016-05/2017
Member, Digital Forensics Graduate Curriculum Committee, 01/2016-05/2017
Member, Digital Forensics Undergraduate Curriculum Committee, 08/2013-05/2017
Member, Search Committee for Digital Forensics Faculty, 09/2016-08/2017
Member, Search Committee for Digital Forensics Faculty, 09/2015-08/2016
Member, Research Committee, 09/2014-08/2015
Member, Search Committee for Digital Forensics Faculty, 09/2014-08/2015

Rutgers University

Lab Server Administrator, Rutgers University, 01/2012-07/2013
President, Rutgers Chinese Students and Scholars Association (RCSSA), 09/2009-08/2010