Yaling Yang

CURRENT APPOINTMENTS

Professor (2019–present)
Bradley Department of Electrical & Computer Engineering
Virginia Polytechnic Institute and State University (Virginia Tech)

CONTACT INFORMATION

Mailing Address:
302 Whittemore Hall (0111),
Virginia Tech,
Blacksburg, VA 24061

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Web: http://www.faculty.ece.vt.edu/yyang8/

RESEARCH INTERESTS

- **Network Protocols:** Routing, medium access control, resource allocation and QoS in multihop wireless networks.
- **Dynamic Spectrum Access Networks:** Secure and efficient spectrum allocation, policy and business model of DSA networks.
- **Sensor networks:** Software-hardware co-design of sensor networks, simulation and modeling of sensor networks.
- **Marine communications:** Marine communications using energy harvesting
- **Network Security**: secure outsourced computation, intrusion detection, location privacy and attacker traceback.

ACADEMIC EXPERIENCE

- **2019-Current**, Virginia Tech, Professor
- **2012-2019**, Virginia Tech, Associate Professor
- **2006-2012**, Virginia Tech, Assistant Professor

EDUCATION

- **2006, Ph.D.**, Computer Science, Univ. of Illinois at Urbana-Champaign (UIUC), Illinois, USA
- **1999, B.S.**, Telecommunications, Univ. of Electronic Science and Technology of China (UESTC), China

CONSULTING EXPERIENCES

- *Unlock Idea: sensor network for chip fabrication environment*,
  $2,5000, 2018-2019, LamResearch

GRANTS (TOTAL EXTERNAL FUNDING AS LEAD PI: $4 MILLION, PERSONAL SHARE: $2 MILLION,)

1. *RAPID: Collaborative: A privacy-preserving contact tracing system for COVID-19 containment and mitigation*,
   PI, $ 60,748 2020-2021
   Sponsor: National Science Foundation (NSF)
2. *Collaborative Research: Study of the Tradeoff between Spectrum allocation efficiency and operation privacy in DSA system*,
   PI of the lead institute (collaborator: Xiaojiang Gu and Jie Wu from Temple University),
   $ 550,000 2018-2021
   Sponsor: National Science Foundation (NSF)
3. *Collaborative Research: Preserving User Privacy in Server-driven Dynamic Spectrum Access System*,
   PI of the lead institute (collaborator: Ren Kui from Univ. of Buffalo), $ 750,000, 2015-2018
   Sponsor: National Science Foundation (NSF)
4. *NeTS: Small: Long-range Ocean Communication Links Powered by Energy Harvesting*,
   PI (Co-PI: Majid Manteghi (ECE) and Lei Zuo (ME)), $200,000, 2015-2017
   Sponsor: National Science Foundation (NSF)
5. *SDR Shield: A Hardware-based Security Solution for Software Defined Radio*,

PI (CoPI: Chao Wang, Jeff Reed), $700,000, 2012-2016
Sponsor: National Science Foundation (NSF)

6. *Study of Coexistence Restrictions of Cross-layer Designs in Wireless Networks*,
PI, $450,000, Career award, 2011-2016
Sponsor: National Science Foundation (NSF)
7. *Real-world orientated design for dynamic spectrum access systems"*,
PI (CoPI: George Morgan, Dilip Shome, Tamal Bose), $112,269 , 2011-2011
Sponsor: The Institute for Critical Technology and Applied Science (ICTAS) at Virginia Tech
8. *An Open architecture for the Evolutionary Design of Routing Protocols*,
PI (CoPI: Michael Hsiao, Luiz DaSilva), $150,000, Oct 2009 – Sept 2012
Sponsor: National Science Foundation (NSF)
9. *Cross-domain Design Tools for Sensor Network and Architecture*,
PI (CoPI: Patrick Schaumont), $424,093, Aug 2009–July 2012
Sponsor: National Science Foudation (NSF)
10. *Cognitive Routing in Wireless Networks*,
PI (CoPI: Amy Bell), $87,035, Jan. 2008–July 2009
Sponsor: The Institute for Critical Technology and Applied Science (ICTAS) at Virginia Tech
11. *Proactive Cross-Layer Adversary Localization for Hostile or Harsh Wireless Environments*,
PI (CoPI: Michael Buehrer, Jung-min Park), $329,499, June 2008- May 2012
Sponsor: National Science Foudation (NSF)
12. *Study of the Fundamental Compatibility Space of Wireless Routing Metrics*,
PI (CoPI: Thomas Hou), $349,985, Aug. 2008- July 2011
Sponsor: National Science Foundation (NSF)
13. *A Fundamental Analysis of Secondary Sharing*,
CoPI (PI: Michael Buehrer), $233k, 2008-2009
Sponsor: Qualcomm

PUBLICATIONS

Refereed Journal Articles

1. Bo Gao, Lingyun Lu, Ke Xiong, Jung-Min Park, **Yaling Yang**, and Yuwei Wang, Spectrum Sharing among Rapidly Deployable Small Cells: A Hybrid Multi-Agent Approach IEEE Transactions on Wireless communications, to appear
2. Yanzhi Dou, Kexiong (Curtis) Zeng, He Li, **Yaling Yang**, Bo Gao, Kui Ren, Shaoqian Li, "P2-SAS: Privacy-Preserving Centralized Dynamic Spectrum Access System", IEEE Journal on Selected Areas in Communications, v 35, n 1, p 173-187, Jan. 2017
3. Bo Gao, Jung-Min Park, and **Yaling Yang**, "Uplink Soft Frequency Reuse for Self-Coexistence of Cognitive Radio Networks", IEEE Transactions on Mobile Computing, Volume:13, Issue: 6, June 2014
4. Chuan Han and **Yaling Yang**, Understanding the Information Propagation Speed in Multihop Cognitive Radio Networks , IEEE Transactions on Mobile Computing, June 2013 (vol. 12 no. 6)
5. Bo Gao, Jungmin Park, **Yaling Yang**, "A Taxonomy of Coexistence Mechanisms for Heterogeneous Cognitive Radio Networks Operating in TV White Spaces", Wireless Communications Magazine, Aug 2012.
6. Chuan Han and **Yaling Yang**, "Compatibility between Three Well-known Broadcast Tree Construction Algorithms and Various Metrics", IEEE Transactions on Mobile Computing, vol.10, no.8, pp.1187-1199, Aug. 2011.
7. Yujun Li and **Yaling Yang**, "Rules for Designing Routing Metrics for Greedy, Face and Combined-Greedy-Face Routing", IEEE Transactions on Mobile Computing, Vol. 9, Issue 4, pp. 582-595, April 2010.

8. Jerry Rick Ramstetter, **Yaling Yang**, and Danfeng Yao. Applications and Security of Next-Generation User-Centric Wireless Systems. Future Internet Journal, Special Issue on Security for Next Generation Wireless and Decentralized Systems, Invited paper, Issue 2, pp. 190-211 2010.
9. Chuan Han and **Yaling Yang**, "Proactive Attacker Localization in Wireless LAN", ACM Computer Communication Review, Vol. 39, Issue 2, pp. 27-33, April 2009.
10. Chuan Han and **Yalng Yang**, "Abstract: Proactive attacker localization in WLAN", ACM Mobile Computing and Communications Review, Vol. 13 , Issue 1, pp. 36-39, January 2009.
11. Chewoo Na, **Yaling Yang** and Amitabh Mishra, "An optimal GTS scheduling algorithm for time-sensitive transactions in IEEE 802.15.4 networks", Elsevier Computer Networks, Vol. 52/13, pp 2543-2557, Sept. 2008.
12. Chuan Han, Jun Wang, **Yaling Yang**, and Shaoqian Li, "Addressing the Control Channel Design Problem: OFDM-based Transform Domain Communication System in Cognitive Radio", Elsevier Computer Networks, Vol. 52, Issue 4, pp. 795-815, March 2008.
13. **Yaling Yang**, Jun Wang and Robin Kravets, "Distributed Optimal contention Window Control for Elastic Traffic in Single Cell Wireless LANs", IEEE/ACM Transactions on Networking, Vol. 15, issue 6, pp. 1373 - 1386, Dec. 2007.
14. **Yaling Yang** and Robin Kravets, "Throughput Guarantees for Multi-priority Traffic in Ad Hoc Networks," Elsevier Ad Hoc Networks Journal, Vol. 5, issue 2, pp. 228-253, March 2007.
15. **Yaling Yang** and Robin Kravets, "Contention-Aware Admission Control for Ad Hoc Networks," IEEE Transactions on Mobile Computing, Vol. 4/4, pp.363-377, 2005.
16. **Yaling Yang**, Jun Wang and Robin Kravets, "Load-balanced Routing For Mesh Networks," ACM Mobile Computing and Communications Review, Vol 10, Issue 4, pp. 3-5, Oct. 2006.
17. Jun Wang, **Yaling Yang**, Li Xiao, and Klara Nahrstedt, "Edge-based Traffic Engineering for OSPF Networks," Elsevier Computer Networks Journal, Vol. 48, Issue 4, pp. 605-625, July 2005.
18. Jun Wang, William Yurcik, **Yaling Yang** and Jason Hester. "Multi-Ring Techniques for Scalable Battlespace Group Communications," IEEE Communications Magazine, Vol.43 No.11, pp. 124-133, Nov. 2005.

Refereed Conference Papers

1. Ali Hosseini-Fahraji, Pedram Loghmannia, Kexiong Zeng, Xiaofan Li, Sihan Yu, Sihao Sun, Dong Wang, **Yaling Yang**, Majid Manteghi, and Lei Zuo "Energy Harvesting Long-Range Marine Communication", Infocom 2020
2. Yousi Lin, Yuxian Ye, **Yaling Yang**, "Crowdsourcing-based Spectrum Monitoring at A Large Geographical Scale", Dyspan 2019
3. Yousi Lin, Yuxian Ye, **Yaling Yang** , "Preserving Incumbent User's Location Privacy Against Environmental Sensing Capability" , Dyspan 2019
4. Alireza Shahanaghi, **Yaling Yang**, and R. Michael Buehrer, "On the Link Modeling of Static Wireless Sensor Networks in Ocean Environments", Infocom 2019
5. He Li, **Yaling Yang**, Yanzhi Dou, Jung-Min (Jerry) Park, Kui Ren, "PeDSS: Privacy Enhanced and Database-Driven Dynamic spectrum Sharing", Infocom 2019
6. He Li, **Yaling Yang**, Yanzhi Dou, Chang Lu, and Doug Zabransky, "Comparison of incumbent user privacy preserving technologies in database driven dynamic spectrum access systems", Crowncom, 2018
7. Douglas Zabransky, He Li, Chang Lu, **Yaling Yang**, "SZ-SAS: A Framework for Preserving Incumbent User Privacy in SAS-based DSA Systems", Crowncom, 2018
8. He Li, Yanzhi Dou, Chang Lu, Doug Zabransky, **Yaling Yang**, Jung-min Park, "Preserving the Incumbent Users' Location Privacy in the 3.5 GHz Band", DySPAN, 2018

9. Kexiong (Curtis) Zeng, Shinan Liu, Yuanchao Shu, Dong Wang, Haoyu Li, Yanzhi Dou, Gang Wang, and **Yaling Yang**. All Your GPS Are Belong To Us: Towards Stealthy Manipulation of Road Navigation Systems USENIX Security 2018: the 27th USENIX Security Symposium, August 2018.
10. Jia Mi, Lin Xu, **Yaling Yang**, Lei Zuo, Design and characterization of an ocean wave powered lifejacket using 2DOF floating boards, SPIE Smart Structures and Materials + Nondestructive Evaluation and Health Monitoring, 2018
11. He Li, **Yaling Yang**, Yanzhi Dou, Chang Lu, and Doug Zabransky, "Comparison of incumbent user privacy preserving technologies in database driven dynamic spectrum access systems", Crowncom, 2018 (Google Scholar H5 Index 19, H5 median 24)
12. Douglas Zabransky, He Li, Chang Lu, **Yaling Yang**, "SZ-SAS: A Framework for Preserving Incumbent User Privacy in SAS-based DSA Systems", Crowncom, 2018 (Google Scholar H5 Index 19, H5 median 24)
13. He Li, Yanzhi Dou, Chang Lu, Doug Zabransky, **Yaling Yang**, Jung-min Park, "Preserving the Incumbent Users' Location Privacy in the 3.5 GHz Band", IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN), 2018 (Google Scholar H5 Index 19, H5 median 36)
14. Chaowen Guan, Aziz Mohaisen, Zhi Sun, Fei Wei, Lu Su, Kui Ren and **Yaling Yang**, "When Smart TV Meets CRN: Privacy-preserving Fine-grained Spectrum Access", IEEE ICDCS, 2017
15. Yanzhi Dou, He Li, Kexiong Zeng, Jinshan Liu, **Yaling Yang**, Bo Gao and Kui Ren. "Preserving Incumbent Users Privacy in Exclusion-Zone-Based Spectrum Access Systems.", IEEE ICDCS, 2017.
16. Kexiong (Curtis) Zeng, Yuanchao Shu, Shinan Liu, Yanzhi Dou, **Yaling Yang**, "A Practical GPS Location Spoofing Attack in Road Navigation Scenario". ACM HotMobile, 2017
17. Yanzhi Dou, Kexiong (Curtis) Zeng, He Li, **Yaling Yang**, Bo Gao, Chaowen Guan and Shaoqian Li, P2-SAS: Preserving Users' Privacy in Centralized Dynamic Spectrum Access Systems, ACM Mobihoc, 2016
18. Yanzhi Dou, He Li, Kexiong (Curtis) Zeng, Jinshan Liu, **Yaling Yang**, Bo Gao and Shaoqian Li, Poster: Preserving Incumbent Users Privacy in Server-Driven Dynamic Spectrum Access Systems, ICDCS, 2016
19. Bo Gao, Sudeep Bhattarai, Jungmin Park, **Yaling Yang**, Min Liu, Kexiong Zeng, Yanzhi Dou, Incentivizing Spectrum Sensing in Database-Driven Dynamic Spectrum Sharing, IEEE Infocom 2016.
20. Yanzhi Dou, Kexiong (Curtis) Zeng, **Yaling Yang**, Poster: Privacy-Preserving Server-Driven Dynamic Spectrum Access System, ACM Mobicom 2015
21. Vireshwar Kumar, He Li, Jung-Min (Jerry) Park, Kaigui Bian, **Yaling Yang**. Group Signatures with Probabilistic Revocation: A Computationally-Scalable Approach for Providing Privacy-Preserving Authentication. ACM Conference on Computer and Communications Security (CCS). Denver, Colorado. 2015
22. Yanzi Dou, Kexiong Zeng, **Yaling Yang**, Danfeng Yao, MadeCR: Correlation-based Malware Detection for Cognitive Radio, Infocom 2015.
23. Kexiong (Curtis) Zeng, Sreeraksha Kondaji Ramesh and **Yaling Yang**, "Location Spoofing Attack and Its Countermeasures in Database-Driven Cognitive Radio Networks", 2014 IEEE Conference on Communications and Network Security (CNS), October 2014.
24. Bo Gao, Jung-Min Park, **Yaling Yang**, "Supporting Mobile Users in Database-Driven Opportunistic Spectrum Access", ACM Mobihoc 2014
25. Jingyao Zhang, **Yaling Yang**, Hardware-Software Co-design for Heterogeneous Multiprocessor Sensor Nodes , IEEE Globecom 2014.

26. Kexiong (Curtis) Zeng, Sreeraksha Kondaji Ramesh and **Yaling Yang**. "Location Robustness in Database-Driven White Spaces Network", Proceedings of the 2014 IEEE Symposium on Dynamic Spectrum Access Networks (Dyspan) , April 2014. (4-page poster paper)
27. Bo Gao, **Yaling Yang**, and Jung-Min Park, "A Credit-Token-Based Spectrum Etiquette Framework for Coexistence of Heterogeneous Cognitive Radio Networks," IEEE INFOCOM 2014, Apr. 2014 (acceptance rate: 19.4
28. Jingyao Zhang, Zhenhe Pan, Patrick Schaumont, and **Yaling Yang**, "Application Design and Performance Evaluation For Multiprocessor Sensor Nodes", WCNC 2014
29. Ting Wang and **Yaling Yang**, "'Analysis on Perfect Location Spoofing Attacks Using Beamforming", IEEE Infocom 2013.
30. Ting Wang and **Yaling Yang**, "Enhancing Wireless Communication Privacy with Artificial Fading" , IEEE MASS 2012
31. Jingyao Zhang, Srikrishna Iyer, Patrick Schaumont, and **Yaling Yang**, "Simulating Power/Energy Consumption of Sensor Nodes with Flexible Hardware in Wireless Networks , IEEE SECON 2012
32. Bo Gao, Jung-Min Park, and **Yaling Yang**, "Uplink Soft Frequency Reuse for Self-Coexistence of Cognitive Radio Networks Operating in White-Space Spectrum", IEEE Infocom 2012
33. Jingyao Zhang, Sachin Hirve, Srikrishna Iyer, Patrick Schaumont and **Yaling Yang**, "A software-Hardware Emulator for Sensor Networks", Proc. of IEEE Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON), Salt Lake City, UT, June 2011, Best Paper award. (acceptance rate 27%)
34. "A Unifying Interface Abstraction For Accelerated Computing in sensornodes", Srikrishna Iyer, Jingyao Zhang, **Yaling Yang,** and Patrick Schaumont, Electronic System Level Synthesis Conference (ESLSyn), 2011 (Acceptance rate 39%)
35. Bo Gao, **Yaling Yang** and Jung-Min "Jerry" Park, "Channel Aggregation in Cognitive Radio Networks with Practical Considerations", IEEE ICC 2011 (Acceptance rate 38.5%)
36. Ting Wang and **Yaling Yang**, "Location Privacy Protection from RSS Localization System Using Antenna Pattern Synthesis", Infocom 2011 (Acceptance rate 16%)
37. Chuan Han and **Yaling Yang**, "Information Propagation Speed Study in Multihop Cognitive Radio Networks", Infocom 2011 Miniconference (Acceptance rate 23.4%)
38. **Yaling Yang**, Yujun Li, Mengshu Hou, "Many-to-One Deliverability of Greedy Routing in 2-D Wirleess Sensor Networks", Infocom 2011 (Acceptance rate 16%)
39. Chuan Han and **Yaling Yang**, "Optimal Cache-Based Route Repair for Real-Time Traffic", ICNP 2010 (Acceptance 18.2%)
40. Yujun Li and **Yaling Yang**, "Deliverability of greedy routing in underwater sensor networks, 2nd International Conference on Computer Engineering and Technology (ICCET), April 2010
41. Chuan Han and **Yaling Yang**, "The Information Propagation Speed Upper Bound in Cognitive Radio Networks", IEEE Globecom 2010 (Acceptance rate 35.6%)
42. Yongxiang Peng, **Yaling Yang**, Xianliang Lu, and Xuyang Ding, "Coding-Aware Routing for Unicast Sessions in Wireless Mesh Networks", IEEE Globecom 2010 (Acceptance rate 35.6%)
43. Yujun Li and **Yaling Yang**, "Asymptotic Connectivity of Large-Scale Wireless Networks with a Log-Normal Shadowing Model", IEEE VTC 2010-Spring
44. Chuan Han and **Yaling Yang**, "Compatibility between Optimal Tree-based Broadcast Routing and Metric Design", IEEE Globecom 2009 (Acceptance rate: 34.8%)
45. Chewoo Na and **Yaling Yang**, "MRSD: Multirate-based Service Differentiation for the IEEE 802.15.4 Wireless Sensor Network", IEEE Globecom 2009 (Acceptance rate: 34.8%)

46. Zhenhua Feng and **Yaling Yang**, "Joint Transport, Routing and Spectrum Sharing Optimization for Wireless Networks with Frequency-Agile Radios", IEEE Infocom 2009 (Acceptance rate: 19.7%)
47. Yujun Li, **Yaling Yang** and Xianliang Lu, "Routing Metric Designs for Greedy, Face and Combined Greedy-Face Routing", IEEE Infocom 2009 (Acceptance rate: 19.7%)
48. Zhenhua Feng and **Yaling Yang**,"Two Phase Spectrum Sharing for Frequency-Agile Radio Networks", IEEE ICC 2009 (Acceptance rate: 34.9%)
49. Zhenhua Feng and **Yaling Yang**, "A Comparative Study of Impact of POCs on the Performance of Wireless Networks", IEEE Globecom 2008 (Acceptance rate: 36.8%).
50. Nikhil Kelkar, **Yaling Yang**, Dilip Shome and George Morgan, "A Business Model Framework for Dynamic Spectrum Access in Cognitive Networks", IEEE Globecom 2008 (Acceptance rate: 36.8%)
51. **Yaling Yang**, Yujun Li and Jun Wang, " Design Guidelines for Routing Metrics in Multihop Wireless Networks", Infocom 2008 (Acceptance rate: 20.3%)
52. Zhenhua Feng and **Yaling Yang**, "How Much Improvement Can We Get From Partially Overlapped Channels ", IEEE WCNC 2008.
53. **Yaling Yang**," Routing metrics design for multihop wireless networks," Communication & Networking Technology (CNT) Symposium under UKC (US-Korea Symposium), 2007 (invited paper)
54. **Yaling Yang** and Robin Kravets, "Achieving Delay Guarantees in Ad Hoc Networks Through Dynamic Contention Window Adaptation," IEEE Infocom, 2006. (Acceptance rate = 18%)
55. **Yaling Yang**, Jun Wang and Robin Kravets, "Designing Routing Metrics for Mesh Networks," IEEE Workshop on Wireless Mesh Networks (WiMesh), 2005 (invited paper).
56. **Yaling Yang**, Jun Wang and Robin Kravets, "Distributed Optimal Contention Window Control for Elastic Traffic in Wireless LANs," IEEE Infocom, 2005. (Acceptance rate = 17%)
57. **Yaling Yang** and Robin Kravets, "Distributed QoS Guarantees for Realtime Traffic in Ad Hoc Networks," IEEE International Conference on Sensor and Ad Hoc Communications and Networks (SECON), 2004. (Acceptance rate = 18%)
58. **Yaling Yang** and Robin Kravets, "Throughput Guarantees for Multi-priority Traffic in Ad Hoc Networks," IEEE International Conference on Mobile Ad hoc and Sensor System (MASS), 2004. (Acceptance rate = 25%)
59. **Yaling Yang**, Honghai Zhang and Robin Kravets, "Channel Quality Based Adaptation of TCP with Loss Discrimination," IEEE Globecom, 2002. (Acceptance rate = 30%)

Non-Peer-Reviewed Papers

1. Jun Wang, **Yaling Yang**, and William Yurcik, "Secure Smart Environments: Security Requirements, Challenges and Experiences in Pervasive Computing," NSF Infrastructure Experience 2005, NSF / CISE / CNS Pervasive Computing Infrastructure Experience Workshop, 2005.

Books and Book Chapters

1. Chapter "Delay in Cognitive Radio Networks" in Book "Cognitive Radio Mobile Ad Hoc Networks", Editor Richard Springer, ISBN 978-1-4419-6171-6, Springer, Aug. 2011

HONORS AND AWARDS

- Virginia Tech College of Engineering Faculty Fellow, 2016
- Virginia Tech Scholar of the Week 2013
- IEEE SECON 2011 best paper award, 2011
- NSF Faculty Early Career Development Award, 2011
- ACM Student Research Competition (SRC), Grand Finals, Second Place Winner, 2006
- Distinguished Ph.D. Student, 2005, the Networking and Systems Group, CS department, University of Illinois at Urbana-Champaign
- Vodafone Fellowship, 2003–2004, 2004–2005, 2005–2006, Univ. of Illinois at Urbana-Champaign
- ACM Student Research Competition (SRC),Mobicom, Third Place Winner, 2005

PROFESSIONAL ACTIVITIES

- NSF Pannelist, 2009-2020
- TPC member for IEEE Infocom (2009-2021), IEEE ICC (2008-2015), IEEE VTC (2008-2014), IEEE SECON (2008-2011), IEEE Globecom (2009-2018), IEEE WCNC (2008, 2009), IEEE ICNP (2014) IEEE IWQoS (2009), IEEE IPCCC (2007, 2008), IEEE BroadNet (2007, 2008), IEEE MWCN (2007), IEEE MobiWac (2011)
- Symposium Chair for IEEE ICNC (International Conference on Computing, Networking and Communications), 2017
- Chair for ICCCN: Cognitive, Cellular, and Mobile Networks (CCM) Track , 2016
- Publication chair for IEEE SECON 2012
- Poster and Demo session chair for International Conference on Mobile Ad-hoc and Sensor Networks (MSN), 2011
- Member of 2007 IEEE Educational Activities and Women in Engineering (EA-WIE) Advisory Board.
- Reviewer for journals: IEEE Tran. on Wireless Communications, IEEE/ACM Trans. on Networking, IEEE Trans. on Mobile Computing, Elsevier Computer Networks Journal, Elsevier Ad Hoc Networks journal, IEEE Trans. Vehic. Technol., ACM Mobile Computing & Comm. Review, Springer Wireless Networks Journal, IEEE Comm. Magazine, IEEE Tran. Info. Forensics and Security

PH.D. STUDENTS ADVISED

- Zhenhua Feng (Ph.D., Fall 2010),
- Cheewo Na (Ph.D., 2011, Fall),
- Chuan Han (Ph.D., 2011, Fall),
- Jingyao Zhang (Ph.D., 2012 Spring),
- Ting Wang (Ph.D., 2012 Spring),
- Bo Gao (Ph.D., 2014 Spring), currently an associate professor at Beijing Jiaotong University
- Yanzhi Dou (Ph.D., 2018)
- Kexiong Zeng (Ph.D. 2018)
- He Li (Ph.D. 2020 expected)
- Yousi Lin (Ph.D., 2021 expected)
- Alireza Shahanaghi (Ph.D. 2021 expected)
- Xiang Cheng (Ph.D. 2022 expected)
- Hanchao Yang (Ph.D., 2022 expected)