JUN HAN

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ACADEMIC APPOINTMENT

National University of Singapore
Assistant Professor — *July 2018 - Present*
Computer Science, School of Computing

EDUCATION

Carnegie Mellon University, Pittsburgh, PA / Moffett Field, CA
Ph.D., Electrical and Computer Engineering — *Sep 2010 - May 2018*
Dissertation: *Advantages and Risks of Sensing for Cyber-Physical Security*
Thesis Committee: Patrick Tague (Advisor), Anupam Datta, Pei Zhang, and Marco Gruteser
Carnegie Mellon University, Pittsburgh, PA
M.S., Electrical and Computer Engineering — *May 2007*
B.S., Electrical and Computer Engineering — *May 2006*

RESEARCH INTERESTS

Interests: **Sensing and Security of Internet-of-Things and Cyber-Physical Systems**

My research interest lies at the intersection of ***sensing systems*** and ***security***, and focuses on utilizing contextual information for security applications in the Internet-of-Things and Cyber-Physical Systems. Specifically, my research focuses on enabling cross-platform devices (dissimilar in hardware, vendor, and/or sensor types) to ***verify*** relative physical properties and subsequently ***coordinate*** across verified devices, hence enabling novel methods of sensor fusion for new security applications.

HONORS AND AWARDS

- **Best Poster Runner-up Award** — *Nov 2020*
  - ACM Conference on Embedded Networked Sensor Systems (*SenSys'19*)
- **Best Poster Runner-up Award** — *Jun 2019*
  - ACM International Conference on Mobile Systems, Applications, and Services (*MobiSys'19*)
- **Audience Choice Award** — *Nov 2017*
  - ACM Conference on Systems for Energy-Efficient Built Environments (*BuildSys'17*)
- **Best Poster Runner-up Award** — *Feb 2017*
  - ACM Workshop on Mobile Computing Systems and Applications (*HotMobile'17*)
- **Ann and Martin McGuinn Graduate Fellowship** — *Aug 2015 - May 2016*
  - *Carnegie Institute of Technology, Carnegie Mellon University*
- **Best Poster Award** — *May 2012*
  - Intel Science & Technology Center for Secure Computing (ISTC): Secure Computing Research for Users' Benefit (SCRUB) Summer Retreat
- **Frank J. Marshall Graduate Fellowship** — *Aug 2011 - May 2012*
  - *Carnegie Institute of Technology, Carnegie Mellon University*
- **Dean's Scholarship** — *Aug 2010 - May 2011*
  - *Carnegie Institute of Technology, Carnegie Mellon University*
- **Dean's List** — *Aug 2005 - May 2006*
  - *Carnegie Institute of Technology, Carnegie Mellon University*

PROFESSIONAL EXPERIENCE

Carnegie Mellon University, Moffett Field, CA — *Jan 2015 - May 2018*
Graduate Research Assistant, CyLab and Electrical and Computer Engineering

Swiss Federal Institute of Technology (ETH), Zurich, Switzerland — *Jul 2013 - Oct 2014*
Visiting Ph.D. Student (Academic Guest),
Institute of Information Security, Department of Computer Science

Carnegie Mellon University, Pittsburgh, PA — *Sep 2010 - Jun 2013*
Graduate Research Assistant, CyLab and Electrical and Computer Engineering

Samsung Electronics, Suwon, Korea — *Jul 2007 - Aug 2010*
Software Engineer, Digital Media and Communications Business

Bosch Corporation, Pittsburgh, PA — *Jun 2006 - Dec 2006*
Research Intern, Research and Technology Center

PUBLICATIONS

Journal, Conference, and Workshop Papers (Listed in reverse chronological order)

- *Published in top-tier **security** conferences: **S&P (Oakland)**, **Usenix Security**, **CCS***
- *Published in top-tier **sensing systems** conferences and journals: **SenSys, IPSN**, **TOSN***

[1] Nitya Lakshmanan, Nishant Budhdev, Min Suk Kang, Mun Choon Chan, and **Jun Han**,"A Stealthy Location Identification Attack Exploiting Carrier Aggregation in Cellular Networks". To appear at Proceedings of *30th Usenix Security Symposium (**Security**)*, Vacouver, B.C., Canada, Aug. 2021.

[2] Sriram Sami, Yimin Dai, Sean Tan Rui Xiang, Nirupam Roy, and **Jun Han**,"Spying with Your Robot Vacuum Cleaner: Eavesdropping via Liar Sensors". To appear at Proceedings of *18th ACM Conference on Embedded Networked Sensor Systems (**SenSys**)*, ~~Yokohama, Japan~~ Virtual Event, Nov. 2020.
Acceptance Rate: 20.2% (43 of 213)
*Featured on several news/media including: *Forbes*, *ZDNet*, *Hacker.io*, *ThreatPost*, *SlashDot*, *Boan News (Korean)*.

[3] Connor Bolton, Kevin Fu, Josiah Hester, and **Jun Han**, "How to Curtail Oversensing in the Home". *Communications of the ACM (**CACM**)*, Vol. 63 No. 6, Pages 20-24, June 2020. (*Invited Magazine Article*)

[4] Xinlei Chen, Susu Xu, **Jun Han**, Haohao Fu, Xidong Pi, Carlee Joe-Wong, Yong Li, Lin Zhang, Hae Young Noh, and Pei Zhang, "PAS: Prediction-Based Actuation System for City-Scale Ridesharing Vehicular Mobile Crowdsensing". *IEEE Internet of Things Journal (**IoTJ**)*, Vol. 7, No. 5, May 2020.

[5] Soundarya Ramesh, Harini Ramprasad, and **Jun Han**, "Listen to Your Key: Towards Acoustics-based Physical Key Inference". In Proceedings of *21st ACM International Workshop on Mobile Computing Systems and Applications (**HotMobile**)*, Austin, Texas, 2020.
Acceptance Rate: 33.3% (16 of 48)
*Featured on several news/media/blog posts including: *ACM News*, *Forbes*, *The Telegraph*, *Mashable*, *Gizmodo*, *The Register*, *The Sun*, *Y Combinator's Hacker News*, *Slashdot*, *Hacker.io*, *Boan News (Korean)*, and *Bruce Schneier's blog post*.

[6] Soundarya Ramesh, Thomas Pathier, and **Jun Han**, "SoundUAV: Towards Delivery Drone Authentication via Acoustic Noise Fingerprinting". In Proceedings of *5th ACM Workshop on Micro Aerial*

*Vehicle Networks, Systems, and Applications (**DroNet**), co-located workshop with ACM **MobiSys***, Seoul, Korea, 2019.

[7] Nitya Lakshmanan, Inkyu Bang, Min Suk Kang, **Jun Han**, and Jong Taek Lee, "SurFi: Detecting Surveillance Camera Looping Attacks with Wi-Fi Channel State Information". In Proceedings of *12th ACM Conference on Security and Privacy in Wireless and Mobile Networks (**WiSec**)*, Miami, FL, 2019.
Acceptance Rate: 32.2% (29 of 90)

[8] **Jun Han**, Shijia Pan, Manal Kumar Sinha, Hae Young Noh, Pei Zhang and Patrick Tague, "Smart Home Occupant Identification via Sensor Fusion Across On-Object Devices". *ACM Transactions on Sensor Networks (**TOSN**)*, Volume 14 Issues 3-4, Article No. 23, Dec. 2018.

[9] **Jun Han**, Albert Jin Chung, Manal Kumar Sinha, Madhumitha Harishankar, Shijia Pan, Hae Young Noh, Pei Zhang and Patrick Tague, "Do You Feel What I Hear? Enabling Autonomous IoT Device Pairing using Different Sensor Types". In *Proceedings of the 39th IEEE Symposium on Security and Privacy (**Oakland**)*, San Francisco, 2018.
Acceptance Rate: 11.5% (63 of 549 / See submission and decision statistics)

[10] Shijia Pan, Carlos Ruiz, **Jun Han**, Adeola Bannis, Patrick Tague, Hae Young Noh, and Pei Zhang, "UniverSense: IoT Device Pairing Using Heterogeneous Sensing Signals". In Proceedings of *ACM International Workshop on Mobile Computing Systems and Applications (**HotMobile**)*, Tempe, Arizona, February 2018.
Acceptance Rate: 29.2% (19 of 65).

[11] Xinlei Chen, Aveek Purohit, Shijia Pan, Carlos Ruiz, **Jun Han**, Zheng Sun, Frank Mokaya, Patrick Tague and Pei Zhang, "Design Experiences in Minimalistic Flying Sensor Node Platform through SensorFly". *ACM Transactions on Sensor Networks (**TOSN**)*, Volume 13 Issue 43, December 2017.

[12] **Jun Han**, Shijia Pan, Manal Kumar Sinha, Hae Young Noh, Pei Zhang and Patrick Tague, "SenseTribute: Smart Home Occupant Identification via Fusion Across On-Object Sensing Devices". In *Proceedings of ACM International Conference on Systems for Energy-Efficient Built Environments (**BuildSys**)*, Delft, The Netherlands, November 2017.
Acceptance Rate: 31.3% (30 of 96). AUDIENCE CHOICE AWARD

[13] **Jun Han**, Albert Jin Chung, and Patrick Tague, "PitchIn: Eavesdropping via Intelligible Speech Reconstruction using Non-Acoustic Sensor Fusion". In *Proceedings of ACM/IEEE International Conference on Information Processing in Sensor Networks (**IPSN**)*, Pittsburgh, PA, April 2017.
Acceptance Rate: 18.3% (19 of 104). Project Website

[14] **Jun Han**, Madhumitha Harishankar, Xiao Wang, Albert Jin Chung, and Patrick Tague, "Convoy: Physical Context Verification for Vehicle Platoon Admission". In *Proceedings of ACM International Workshop on Mobile Computing Systems and Applications (**HotMobile**)*, Sonoma, CA, February 2017.
Acceptance Rate: 36% (18 of 50).

[15] Taeho Lee, Christos Pappas, Cristina Basescu, **Jun Han**, Torsten Hoefler, Adrian Perrig, "Source-Based Path Selection: The Data Plane Perspective". In *Proceedings of ACM Conference on Future Internet Technologies (**CFI**)*, Seoul, Korea, June 2015.

[16] **Jun Han**, Yue-Hsun Lin, Adrian Perrig, and Fan Bai, "MVSec: Secure and Easy-to-Use Pairing of Mobile Devices with Vehicles (Short Paper)". In *Proceedings of ACM Conference on Security and Privacy in Wireless and Mobile Networks (**WiSec**)*, Oxford, U.K., July 2014.
Acceptance Rate: 26.0% (25 of 96).

[17] Zongwei Zhou, **Jun Han**, Yue-Hsun Lin, Adrian Perrig, and Virgil Gligor, "KISS: Key it Simple and Secure Corporate Key Management". In *Proceedings of International Conference on Trust and Trustworthy Computing (**TRUST**)*, London, U.K., June 2013.
Acceptance Rate: 20.5% (8 of 39).

[18] Tiffany Hyun-Jin Kim, Payas Gupta, **Jun Han**, Emmanuel Owusu, Jason Hong, Adrian Perrig, Debin Gao, "OTO: Online Trust Oracle for User-Centric Trust Establishment". In *Proceedings of ACM Conference on Computer and Communications Security (**CCS**)*, Raleigh, NC, October 2012.
Acceptance Rate: 18.9% (80 of 423).

[19] Lorenzo Martignoni, Pongsin Poosankam, Matei Zaharia, **Jun Han**, Stephen McCamant, Dawn Song, Vern Paxson, Adrian Perrig, Scott Shenker, Ion Stoica, "Cloud Terminal: Secure Access to Sensitive Applications from Untrusted Systems". In *Proceedings of the USENIX Annual Technical Conference (**Usenix ATC**)*, Boston, MA, June 2012.
Acceptance Rate: 18.4% (43 of 234).

[20] Emmanuel Owusu, **Jun Han**, Sauvik Das, Adrian Perrig, and Joy Zhang, "ACCessory: Keystroke Inference using Accelerometers on Smartphones". In *Proceedings of ACM International Workshop on Mobile Computing Systems and Applications (**HotMobile**)*, San Diego, CA, February 2012.
Acceptance Rate: 20.6% (14 of 68).

[21] **Jun Han**, Emmanuel Owusu, Thanh-Le Nguyen, Adrian Perrig, and Joy Zhang, "ACComplice: Location Inference using Accelerometers on Smartphones". In *Proceedings of IEEE International Conference on Communication Systems and Networks (**COMSNETS**)*, Bangalore, India, January 2012.
Acceptance Rate: 27.4% (46 of 168).

[22] **Jun Han**, Abhishek Jain, Mark Luk, and Adrian Perrig, "Don't Sweat Your Privacy: Using Humidity to Detect Human Presence". In *Proceedings of Workshop On UbiComp Privacy - Technologies, Users, Policy (**UbiPriv**)*, Innsbruck, Austria, September 2007.

[23] Soundararajan Srinivasan, **Jun Han**, Dhananjay Lal, and Aca Gacic, "Towards Automatic Detection of Falls Using Wireless Sensors"
In *Proceedings of Annual International Conference of the IEEE Engineering in Medicine and Biology Society (**EMBC**)*, Lyon, France, August 2007.

POSTERS AND DEMOS IN PROCEEDINGS AND/OR PRESENTATIONS

[1] Sriram Sami, Sean Tan Rui Xiang, Yimin Dai, Nirupam Roy, and **Jun Han**, "Poster Abstract: LidarPhone: Acoustic Eavesdropping using a Lidar Sensor". To appear at Proceedings of *18th ACM Conference on Embedded Networked Sensor Systems (**SenSys**)*, ~~Yokohama, Japan~~ Virtual Event, Nov. 2020. BEST POSTER RUNNER-UP AWARD

[2] Jong Taek Lee, Yu Kai Lim, **Jun Han**, "Poster Abstract: Don't Wait For Weight: Towards Weight Inference of Passengers and Luggage using Smartphone Camera". In Proceedings of *ACM/IEEE Information Processing in Sensor Networks (**IPSN**)*, Sydney, Australia, Apr. 2020.

[3] Soundarya Ramesh, Thomas Pathier, **Jun Han**, "Poster: SoundUAV: Fingerprinting Acoustic Emanations for Delivery Drone Authentication". In Proceedings of *ACM International Conference on Mobile Systems, Applications, and Services (**MobiSys**)*, Seoul, Korea, June 2019. BEST POSTER RUNNER-UP AWARD

[4] Christian August Reksten-Monsen, **Jun Han**, "Poster: Towards Precise Localization of E-Scooters using Sidewalk Ramps". In Proceedings of *ACM International Conference on Mobile Systems, Applications, and Services (**MobiSys**)*, Seoul, Korea, June 2019.

[5] Nitya Lakshmanan, Inkyu Bang, Min Suk Kang, **Jun Han**, Jong Taek Lee, "SurFi: Detecting Surveillance Camera Looping Attacks with Wi-Fi Channel State Information (Poster)". Presented in the *12th ACM Conference on Security and Privacy in Wireless and Mobile Networks (**WiSec**)*, Miami, FL, May 2019.

[6] Carlos Ruiz, Shijia Pan, Hae Young Noh, Pei Zhang, and **Jun Han**, "Demo Abstract: Secure Pairing via Video and IMU Verification". In Proceedings of *ACM/IEEE Information Processing in Sensor Networks (**IPSN**)*, Montreal, Canada, Apr. 2019.

[7] **Jun Han**, Madhumitha Harishankar, Xiao Wang, Albert Jin Chung, and Patrick Tague, "Poster: Convoy: Physical Context Verification for Vehicle Platoon Admission", Presented in the *ACM International Workshop on Mobile Computing Systems and Applications (**HotMobile**)*, February 2017. BEST POSTER RUNNER-UP AWARD

[8] **Jun Han**, Emmanuel Owusu, Thanh-Le Nguyen, Adrian Perrig, and Joy Zhang, "Poster: AC-Complice - Location Inference using Accelerometers on Smartphones", *Intel Science & Technology Center for Secure Computing (**SCRUB**) Summer Retreat*, May, 2012. BEST POSTER AWARD

[9] **Jun Han**, Jae Yoon Chong, and Sukun Kim, "Demo Abstract: SNORES - Towards a Less Intrusive Home Sleep Monitoring System Using Wireless Sensor Networks", *ACM Conference on Embedded Networked Sensor Systems (**SenSys**)*, November, 2009.

TECHNICAL REPORTS AND PREPRINTS

[1] Madhumitha Harishankar, **Jun Han**, Sai Vineeth Kalluru Srinivas, Faisal Alqarni, Shi Su, Shijia Pan, Hae Young Noh, Pei Zhang, Marco Gruteser, and Patrick Tague, "LaNet: Real-time Lane Identification by Learning Road SurfaceCharacteristics from Accelerometer Data". *arXiv:2004.02822 [cs.CV]*, Apr. 2020.

[2] Nitya Lakshmanan, Inkyu Bang, Min Suk Kang, **Jun Han**, Jong Taek Lee, "SurFi: Detecting Surveillance Camera Looping Attacks with Wi-Fi Channel State Information (Extended Version)". *arXiv:1904.01350 [cs.CR]*, Apr. 2019.

[3] **Jun Han**, Yue-Hsun Lin, Adrian Perrig, and Fan Bai, "MVSec: secure and easy-to-use pairing of mobile devices with vehicles", *CyLab, Technical Report CMU-CyLab-14-006*, May 2014.

PATENT

[1] Yu Seung Kim, **Jun Han**, and Patrick Tague, "Inter-Vehicle Authentication Using Visual Contextual Information", US20170132477 A1

TALKS

Advantages and Risks of Sensing for Cyber-Physical Security

Invited talk at Korea University (Smart Factory Security Seminar) *Seoul, Korea, Jun, 2020*
Invited talk at Seoul National University (CSE Seminar) *Seoul, Korea, Apr, 2019*
Invited talk at Yonsei University (CSE Seminar) *Seoul, Korea, Feb, 2019*

Do You Feel What I Hear? Enabling Autonomous IoT Device Pairing using Different Sensor Types

Presented at the 39th IEEE S&P (Oakland 2018), Video *San Francisco, CA, May 2018*

SenseTribute: Smart Home Occupant Identification via Fusion Across On-Object Sensing Devices

Presented at the 4th ACM BuildSys *Delft, The Netherlands, Nov 2017*

PitchIn: Eavesdropping via Intelligible Speech Reconstruction using Non-Acoustic Sensor Fusion
Presented at the 16th ACM/IEEE ISPN *Pittsburgh, PA, Apr 2017*

Convoy: Physical Context Verification for Vehicle Platoon Admission
Presented at the 18th ACM HotMobile *Sonoma, CA, Feb 2017*

MVSec: Secure and Easy-to-Use Pairing of Mobile Devices with Vehicles
Presented at the 7th ACM Wisec *Oxford, UK, Jul 2014*

ACComplice: Location Inference using Accelerometers on Smartphones
Invited talk at Kookmin University *Seoul, Korea, Jun 2013*
Invited talk at Seoul National University *Seoul, Korea, Jan 2013*
Invited talk at Korea University *Seoul, Korea, Dec 2012*
Intel ISTC SCRUB Summer Retreat *Half Moon Bay, CA, May 2012*
Presented at the 4th IEEE COMSNETS *Bangalore, India, Jan 2012*

TEACHING

Computer Engineering Capstone Project (CG4002) *Spring 2020*
Computer Science/Computer Engineering, National University of Singapore, Singapore

Internet-of-Things Security (CS4276/CS5476) *Fall 2019*
Computer Science, National University of Singapore, Singapore

Topics in Computer Science: Internet-of-Things Security (CS6282) *Spring 2019*
Computer Science, National University of Singapore, Singapore

Lab Rotation: Network and IoT Security (CS6101) *Fall 2019, Spring 2019, Fall 2018*
Computer Science, National University of Singapore, Singapore

Teaching Assistant / Course Project Mentor

- **INI MSIT Project Practicum (14-798)** *Fall 2015, Fall 2016, Fall 2017*
  Course Project Mentor
  Information Networking Institute, Carnegie Mellon University, Moffett Field, CA
- **Mobile and Pervasive Computing (18-843)** *Spring 2017*
  Course Project Mentor
  Electrical and Computer Engineering, Carnegie Mellon University, Moffett Field, CA
- **Wireless Network Security (18-637)** *Spring 2016*
  Course Project Mentor
  Electrical and Computer Engineering, Carnegie Mellon University, Moffett Field, CA
- **Mobile Security (18-638)** *Fall 2015*
  Course Project Mentor
  Electrical and Computer Engineering, Carnegie Mellon University, Moffett Field, CA
- **Operating Systems and Networks (252-0062-00L)** *Spring 2014*
  Teaching Assistant
  Computer Science, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland
- **Introduction to Programming (252-0021)** *Fall 2013*
  Teaching Assistant
  Computer Science, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland
- **Network Security (18-731)** *Fall 2012*
  Teaching Assistant
  Electrical and Computer Engineering, Carnegie Mellon University, Pittsburgh, PA

- **Embedded System Design (18-549)** *Spring 2007*
  Teaching Assistant
  Electrical and Computer Engineering, Carnegie Mellon University, Pittsburgh, PA

ADVISING

Postdoc Researcher

1. Dr. Jong Taek Lee, *Spring 2020 - present*

Ph.D. Students

1. Nitya Lakshmanan, *Summer 2020 - present*
2. Soundarya Ramesh, *Fall 2018 - present*
3. Sriram Sami, *Fall 2019 - present*
4. Bangjie Sun, *Fall 2020 - present*
5. Gucheng Wang (co-advised by Prof. Brian Lim) *Summer 2020 - present*

Masters Students

1. Jun Kiat Kwok, *Summer 2019*
2. Eric Yu Kai Lim *Spring 2020 - present*
3. Wah Chun Ng, *Spring 2019*
4. Thomas Daniel Paul Pathier, *Fall 2018 - Spring 2019*
5. Christian August Reksten-Monsen, *Fall 2019 - Spring 2020*
6. Smitha Sheshadri, *Fall 2018*
7. Madhan Vignesh Srinivasan, *Spring 2019*
8. Lionel Ee Siang Teo, *Spring 2019*

Undergraduate Interns

1. Anuj Dhawan, *Summer 2019*
2. Lixing He, *Summer 2020 - present*
3. Ananda Kumar, *Summer 2020 - present*
4. Harini Ramprasad, *Summer 2019 - Fall 2019*
5. Sean RuiXiang Tan, *Summer 2020 - present*
6. Rui Xiao, *Spring 2020 - Summer 2020*
7. Dai Yimin, *Spring 2020*

RESEARCH FUNDING

Grants

- Singapore Ministry of Education, Academic Research Fund Tier 1 (R-252-000-B48-114), *Principal Investigator*, 2020 - 2022, SGD$250,000
  - *"Continuous Monitoring of Face-to-Hand Interactions via On-Ear Wearables"*
- Singapore Ministry of Education, Academic Research Fund Tier 1 (R-252-000- A26-133), *Principal Investigator*, 2018 - 2021, SGD$250,000
  - *"Using Road Context for Augmentation and Verification of Vehicular Applications"*
- Singapore Ministry of Education, Academic Research Fund Tier 1 (R-252-000-B40-114), *Principal Investigator*, Jun. 2020 - Nov. 2020, SGD$13,500
  - *"Sensor Side-Channel Attacks on Privacy-Sensitive Information"*
- National Science Foundation, NSF CPS Breakthrough (CNS-1645759), *Assisted Prof. Patrick Tague during graduate school*, 2017 - 2019, USD$450,000
  - *"Multi-Sensory Event Detection for Cross-Platform Coordination and Verification"*

PROFESSIONAL ACTIVITIES

Program Committee

IEEE International Conference on Distributed Computing Systems (ICDCS), 2020-2021
ACM Conference on Embedded Networked Sensor Systems (SenSys), 2020
ACM Conference on Security and Privacy in Wireless and Mobile Networks (WiSec), 2019-2020
ACM/IEEE Conference on Internet of Things Design and Implementation (IoTDI), 2020
ACM International Workshop on Mobile Computing Systems and Applications (HotMobile), 2020
IEEE International Conference on Communication Systems & Networks (COMSNETS), 2020
International Conference on Information Networking (ICOIN 2020)
ACM International Conference on Systems for Energy-Efficient Buildings, Cities, and Transportation (BuildSys), 2019
(Extended Review Committee) ACM International Conference on Mobile Systems, Applications, and Services (MobiSys), 2019
ACM Workshop on the Internet of Safe Things (SafeThings), 2019
Ubicomp Workshop on Combining Physical and Data-Driven Knowledge in Ubiquitous Computing (CPD), 2018
(Poster/Demo PC) IEEE Vehicular Networking Conference (VNC), 2018

Journal Reviewer

ACM Transactions on Privacy and Security (TOPS)
ACM Transactions on Sensor Networks (TOSN)
ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)
ACM Transactions on Embedded Computing Systems (TECS)
IEEE Transactions on Mobile Computing (TMC)
IEEE Transactions on Multi-Scale Computing Systems (TMSCS)
IEEE IEEE Transactions on Vehicular Technology (TVT)
Journal of Computer and System Sciences (JCSS)

External Reviewer

ACM Conference on Data and Application Security and Privacy (CODASPY), 2019
IEEE Conference on Communications and Network Security (CNS), *2015 - 2016, 2018*
IEEE Conference on Computer Communications (Infocom) *2016 - 2017*
ACM Asia Conference on Computer and Communications Security (AsiaCCS) *2016 - 2017*
ACM Conference on Security and Privacy in Wireless and Mobile NW (WiSec) *2015 - 2016*
Annual Computer Security Applications Conference (ACSAC) *2015*
ACM Special Interest Group on Data Communication (SIGCOMM) *2014*
IEEE Conference on Sensing, Communication, and Networking (SECON) *2013 - 2014*
IEEE International Conference on Smart Homes and Health Telematics (iCOST), *2011*

Conference Organization Committee

Poster/Demo Chair, ACM International Workshop on Mobile Computing Systems and Applications (HotMobile), 2020
Poster/Demo Chair, ACM International Conference on Systems for Energy-Efficient Built Environments, Cities, and Transportation (BuildSys), 2019
Web Chair, ACM International Conference on Mobile Systems, Applications, and Services (MobiSys), 2019