

## EDUCATION

---

<b>City University of Hong Kong</b> Joint Ph.D., Dept. of Computer Science, Advisor: Prof. Cong Wang	Hong Kong ASR, China 2020–2024 (expected)
<b>Wuhan University</b> Ph.D., School of Cyber Science and Engineering, Advisor: Prof. Qian Wang	Wuhan, Hubei, China 2019–2024 (expected)
<b>Wuhan University</b> B.S. in Information Security, GPA: 3.90/4.00 (Rank: 1/153)	Wuhan, Hubei, China 2015–2019

## PUBLICATIONS

---

### Refereed Conference and Workshop Papers

- C-1. **Peipei Jiang**, Qian Wang, Jianhao Cheng, Cong Wang, Lei Xu, Xinyu Wang, Yihao Wu, Xiaoyuan Li, and Kui Ren. Boomerang: Metadata-Private Messaging under Hardware Trust. *USENIX Symposium on Networked Systems Design and Implementation (NSDI'23)*, April 17-19, 2023.  
**Acceptance ratio** =  $46/288 = 15.9\%$ .
- C-2. Baolin Zheng\*, **Peipei Jiang**\*, Qian Wang, Qi Li, Chao Shen, Cong Wang, Yunjie Ge, Qingyang Teng, and Shengyi Zhang. Black-box Adversarial Attacks on Commercial Speech Platforms with Minimal Information. *The 28th ACM Conference on Computer and Communications Security (CCS'21)*, November 15-19, 2021. (\*: the first two authors contributed equally to this work).  
**Acceptance ratio** =  $196/879 = 22\%$ .

### Refereed Journal Articles

- J-1. **Peipei Jiang**, Qian Wang, Xiu Lin, Man Zhou, Wenbing Ding, Cong Wang, Chao Shen, and Qi Li. Securing Liveness Detection for Voice Authentication via Pop Noises. *IEEE Transactions on Dependable and Secure Computing (TDSC)*, Vol 20, No. 2, pp. 1702 - 1718, Mar. 2023.  
**JCR Rank Q1. Impact Factor is 7.329. Journal ranking** =  $3/108=2.78\%$ .
- J-2. **Peipei Jiang**, Qian Wang, Muqi Huang, Cong Wang, Qi Li, Chao Shen, Kui Ren. Building In-the-Cloud Network Functions: Security and Privacy Challenges. *Proceedings of the IEEE (PIEEE)*, Vol 109, No. 12, pp. 1888 - 1919, Dec. 2021.  
**JCR Rank Q1. Impact Factor is 14.717. Journal ranking** =  $4/276 = 1.45\%$ .
- J-3. Dan Liu, Qian Wang, Man Zhou, **Peipei Jiang**, Qi Li, Chao Shen, Cong Wang. SoundID: Securing Mobile Two-Factor Authentication via Acoustic Signals. *IEEE Transactions on Dependable and Secure Computing (TDSC)*, Vol 20, No. 2, pp. 1687 - 1701, Mar. 2023.  
**JCR Rank Q1. Impact Factor is 7.329. Journal ranking** =  $3/108=2.78\%$ .
- J-4. Man Zhou, Qian Wang, Xiu Lin, Yi Zhao, **Peipei Jiang**, Qi Li, Chao Shen, Cong Wang. PressPIN: Enabling Secure PIN Authentication on Mobile Devices via Structure-Borne Sounds. *IEEE Transactions on Dependable and Secure Computing (TDSC)*, Vol 20, No. 2, pp. 1228 - 1412, Mar. 2023.  
**JCR Rank Q1. Impact Factor is 7.329. Journal ranking** =  $3/108=2.78\%$ .

J-5. Minxin Du, Shuangke Wu, Qian Wang, Dian Chen, **Peipei Jiang**, and Aziz Mohaisen. GraphShield: Dynamic Large Graphs for Secure Queries with Forward Privacy. *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, Vol 34, No. 7, pp. 3295 - 3308, July 2022.

**JCR Rank Q1. Impact Factor is 8.613. Journal ranking = 18/145 = 12.41%.**

J-6. Man Zhou, Qian Wang, Jingxiao Yang, Qi Li, **Peipei Jiang**, Yanjiao Chen, and Zhibo Wang. Stealing Your Android Patterns via Acoustic Signals. *IEEE Transactions on Mobile Computing (TMC)*, Vol 20, No. 4, pp. 1656 - 1671, Apr. 2022.

**JCR Rank Q1. Impact Factor is 7.916. Journal ranking = 15/158 = 9.49%.**

## SCHOLARSHIPS AND AWARDS

---

### Scholarships

- National Scholarship for Doctoral Students, China 2022
- The First Class Scholarship for Doctoral Students, Wuhan University 2022
- Excellent Freshman Scholarship for Postgraduate, Outstanding Award (Top 1), Wuhan University 2019
- Cyber Security Scholarship (66 undergraduate awardees nation wide in 2018), China 2018
- National Scholarship for Undergraduate Students, China 2017 and 2018
- The First Class Scholarship, Wuhan University 2016

### Awards

- USENIX NSDI '23 Travel Grant, USENIX 2023
- Merit Student, Wuhan University 2021–2022
- Outstanding Undergraduate, Wuhan University 2015–2019
- Lead Merit Student (1/153), Wuhan University 2017–2018
- Excellent Student Cadre, Wuhan University 2016–2017
- Merit Student, Wuhan University 2015–2016, and 2016–2017

## TEACHING

---

- **Teaching Assistant**, Department of Computer Science, City University of Hong Kong Fall 2021 - Spring 2022  
*Information Security and Management (CS4394), Information Security Technology Management (CS5294), Topics in Cybersecurity (CS4293), Topics on Information Security (CS5293)*
- **Teaching Assistant**, School of Cyber Science and Engineering, Wuhan University Spring 2020  
*Computer Programming*

## SERVICES

---

### Reviewer

- Journals: IEEE TDSC, IEEE ToN, IEEE IoTJ
- Conferences (external): Usenix Security 2024, ACM MM 2023, ACM WWW 2023, NDSS 2022

## REFERENCES

---

- Qian Wang, Professor, IEEE Fellow, Wuhan University, qianwang@whu.edu.cn  
Link: <http://nisplab.whu.edu.cn/people.html>
- Cong Wang, Professor, IEEE Fellow, City University of Hong Kong, congwang@cityu.edu.hk  
Link: <https://www.cs.cityu.edu.hk/~congwang/>