

Xiang Zou

Country of origin: China

Address

School of Information Engineering
Xi'an University

Contacts

Phone: +86-151-9142-5876

Email: Xiang_Zou@stu.xjtu.edu.cn

Mr. Xiang Zou is an Assistant Professor at School of Information of Xi'an University. His research interests include RFID sensing, visible light communication and mobile computing.

Education

2023/09-今, Xi'an University

2018/09 – 2023/09, Xi'an Jiaotong University

Ph.D. Student, School of Computer Science and Technology

2015/09 – 2018/07, Chang'an University

M.S. Student, School of Electronics and Control Engineering

2010/09 – 2014/07, Xi'an University of Posts and Telecommunications

B.E. Student, School of Automation

Conference papers

1. **Xiang Zou**, Jianwei Liu, Jinsong Han, "Breaking the Throughput Limit of LED-Camera Communication via Superposed Polarization", IEEE International Conference on Computer Communications (INFOCOM), 2023. (CCF A)
2. **Xiang Zou**, Jianwei Liu, Jinsong Han, Wei Xi, Wang Zhi, "WiHunter: Enabling Real-time Small Object Detection via Wireless Sensing", IEEE/ACM International Symposium on Quality of Service (IWQoS), 2023. (CCF B)
3. Jianwei Liu, **Xiang Zou**, Feng Lin, Jinsong Han, Xian Xu, Kui Ren, "Hand-Key: Leveraging Multiple Hand Biometrics for Attack-Resilient User Authentication Using COTS RFID", IEEE ICDCS, 2021. (CCF B)
4. Jianwei Liu, **Xiang Zou**, Jinsong Han, Feng Lin, Kui Ren, "BioDraw: Reliable Multi-Factor User Authentication with One Single Finger Swipe", IEEE/ACM IWQoS, 2020. (CCF B)
5. Ming Gao, Lingfeng Zhang, Leming Shen, **Xiang Zou**, Jinsong Han, Feng Lin, Kui Ren, "KITE: Exploring the Practical Threat from Acoustic Transduction Attacks on Inertial Sensors", ACM SenSys, 2022. (CCF B)

Journal papers

6. Xiang Zou, Jianwei Liu, Jinsong Han, Zhi Wang, "Exploring Polarization in Hybrid Modulation for LED-Camera Communication", IEEE Transactions on Mobile Computing (TMC). (JCR Q1; CCF A)
7. 邹祥, 韩劲松, 曲宇航, 肖剑, 许贤, "基于超高频RFID的被动生物识别电子锁", 网络与信息安全学报, 2021, 7, 2.
8. Jianwei Liu, Xiang Zou, Leqi Zhao, Yusheng Tao, Kui Ren, "Privacy Leakage in

- Wireless Charging”, IEEE Transactions on Dependable and Secure Computing, 2022, PP(99):1-1. (JCR Q1; CCF A)
9. Jianwei Liu, Kaiyan Cui, Xiang Zou, Jinsong Han, Feng Lin, Kui Ren, “Reliable Multi-Factor User Authentication with One Single Finger Swipe”, IEEE/ACM Transactions on Networking, 2023, PP(99):1-15. (JCR Q1; CCF A)
 10. Jian Xiao, Xiang Zou, Wenyao Xu, “ePave: A Self-Powered Wireless Sensor for Smart and Autonomous Pavement”, Sensors, 2017,17(10):2207.

Patents Applied in China

1. The identity authentication method and system based on the internal biometric characteristics of human hand. (一种基于人手内部生物特征的身份认证方法及系统) (2021101343102), Jianwei Liu; **Xiang Zou**; Jian An; Xiaolin Gui; Jinsong Han.

Experience

陕西三恒电子科技有限公司, 研发部门实习, 开关电源设计(2014.12-2015.09)
Alibaba Group, 基于电磁波穿透性的包裹无损检测, (Aug.2018 - Dec.2022)
Ant Group, Research Intern, Department of AIoT Technology, Trusted scenario forensics method with imperceptible visible light communication. (Dec.2021 - Feb.2023)