PAN Qingrui

PQ509, The Hong Kong Polytechnic University, Hong Kong

+852 6573 6869 · pan@tagsys.org

SUMMARY

I am an enthusiastic, adaptive and fast-learning person with a broad and acute interest in Artificial intelligence of things (AIoT), indoor localizaiton, wireless sensing, backscatter communication and physical-layer identification.

EDUCATION

Ph.D, Computer Science   **The Hong Kong Polytechnic University, HK**   expected 2023

- Chief Supervisor: Dr. Lei Yang, Co-supervisor: Prof. Bin Xiao

B.E, Information Engineering   **City University of Hong Kong, HK**   2017

- Bachelor of Engineering in Information Engineering with First Class Honours
- Cumulative Grade Point Average: 3.66/4.3
- CityU Mainland Student Scholarship Scheme - Full Tuition Scholarship

PUBLICATION

1. **Qingrui Pan**, Zhenlin An, Xueyuan Yang, Xiaopeng Zhao, Lei Yang, "RF-DNA: Large-Scale Physical-layer Identifications of RFIDs via Dual Natural Attributes", In Proc. of ACM MobiCom, 2022 (CCF A, accepted rate: 17.6%)

2. **Qingrui Pan**, Zhenlin An, Qiongzheng Lin, and Lei Yang. 2022. LSAB: Enhancing Spatio-Temporal Efficiency of AoA Tracking Systems. ACM Trans. Sen. Netw. Just Accepted (April 2022).

3. **Qingrui Pan**, Zhenlin An, Qiongzheng Lin, Lei Yang, "LSAB: Enhancing Spatio-Temporal Efficiency of AoA Tracking Systems", In Proc. of IEEE INFOCOM, 2022. (CCF A, accepted rate: 19.9%)

4. Zhenlin An, Qiongzheng Lin, **Qingrui Pan**, Lei Yang, "Turbocharging Deep Backscatter Through Constructive Power Surges with a Single RF Source", In Proc. of IEEE INFOCOM, 2021 (CCF A, accepted rate: 19.9%)

AWARDS

INFOCOM Student Conference Grant   **2022**

PROFESSIONAL EXPERIENCE

Huawei Technologies, Co. Ltd   **Shenzhen, China**
Assistant Researcher, Internship/Duty Trip   Oct-Dec/2020

Technische Hocheschule Nürnberg   **Nürnberg, Germany**
Student Research Assistant, Overseas Internship Scheme   Mar-July/2016

TEACHING EXPERIENCE

Teaching Assistant at PolyU (Lecturer: Dr. Yu Pei).   **Fall 2019/2020**

- COMP2021 Object-Oriented Programming

Teaching Assistant at PolyU (Lecturer: Dr. Lei Yang).   **Spring 2020/2021/2022**

- COMP3421 Web Application Design and Development

Teaching Assistant at PolyU (Lecturer: Dr. Lei Yang).   **Fall 2021**

- ENG2003 Information Technology