

# Shiming Yu

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## Education

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<b>University of Electronic Science and Technology of China</b> <i>B.E. in Communication Engineering (GPA: 3.8/4.0)</i>	<i>Aug 2018 – Jul 2022</i>
<b>The Hong Kong Polytechnic University</b> <i>Ph.D. in Computer Science</i>	<i>Aug 2022 – Now</i>

## Research Interest

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My research interests include Low Power Wide Area Networks (LPWANs), Wireless Sensing, and Networking.

## Publications

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<b>[C1] [MobiCom'24]</b> Revolutionizing LoRa Gateway with XGate: Scalable Concurrent Transmission across Massive Logical Channels <b>Shiming Yu</b> , Xianjin Xia, Ningning Hou, Yuanqing Zheng, Tao Gu The 30th Annual International Conference on Mobile Computing and Networking	Washington, D.C., USA
<b>[C2] [SenSys'24]</b> FDLora: Tackling Downlink-Uplink Asymmetry with Full-duplex LoRa Gateways <b>Shiming Yu</b> , Xianjin Xia, Ziyue Zhang, Ningning Hou, Yuanqing Zheng The 22nd ACM Conference on Embedded Networked Sensor Systems	Hangzhou, China

## Professional Services

### Program Committee Member

- ACM MobiCom 2024 Artifact Evaluation Committee
- ACM MobiSys 2024 Artifact Evaluation Committee

### Invited Reviewer

- ACM Transactions on Sensor Networks 2024
- IEEE Transactions on Wireless Communications 2023
- Computer Networks 2023

## Awards

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- Student Travel Grant, ACM MobiCom, 2024
  - Best Student Presentation Award, PolyU CRSC, 2024
  - Full Ph.D. Scholarship @ PolyU, 2022-Present
  - Outstanding Student Scholarship (Top 15%), 2020
  - National Encouragement Scholarship, 2019
  - Outstanding Student Scholarship (Top 15%), 2019