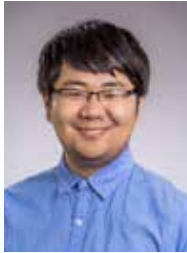




From Software to Hardware and Back: A Ten-Year Retrospective of Backscatter Systems



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Date : 15 June 2022 (Wednesday)

Time : 10:00 a.m. - 11:00 a.m.

► **Abstract**

This talk will cover a research topic that I have been working on for over a decade -- backscatter systems. I will discuss the motivation for building these systems, answering how we build them, and more importantly, sharing the lessons we learned from building these systems.

► **About the Speaker**

Dr Shangguan is a senior researcher at Microsoft and an incoming Assistant Professor at the University of Pittsburgh. His research interests are in all aspects of IoT systems: from building novel IoT applications, solving security issues, all the way down to optimizing the network stack and designing low-power IoT hardware. His work has been published at system and networking conferences such as SIGCOMM, NSDI, MobiCom, MobiSys, SenSys, etc.