COMPUTER SCIENCE & ENGINEERING
UNIVERSITY OF MICHIGAN

CSE FACULTY SEMINAR

Assistant Professor

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Thursday, October 8
11:00am – 12:00pm
Virtual (link in email)

When it leaks, it pours: on the (sad) state of today's hardware security

ABSTRACT: The security and architecture communities will remember 2018 as the year of side channels. Starting from Spectre and Meltdown, time and again we have seen how basic performance-improving features can be exploited to violate fundamental hardware security guarantees. In this talk, I will survey a line of work on speculative execution attacks, showing how despite many mitigation efforts attackers can leak sensitive data across different address spaces and security domains.

SPEAKER BIO