Jian Xiang

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PROFESSIONAL PREPARATION

Ph.D., Computer Science	University of Virginia, Charlottesville, VA	2016
M.E., Software Engineering	Tsinghua University, Beijing, China	2008
B.S., Electronic Engineering	Huazhong Uni. of Sci. and Tech., Wuhan, China	2005

APPOINTMENT HISTORY

Assistant Professor	UNC Charlotte, Charlotte, NC	Aug.2023–Present
Research Associate	Harvard University, Cambridge/Allston, MA	Sep.2020–Aug.2023
Postdoctoral Researcher	Harvard University, Cambridge, MA	Sep.2017-Aug.2020
Postdoctoral Researcher	University of Virginia, Charlottesville, VA	Aug.2016-May.2017

CYBERSECURITY RESEARCH INTERESTS

Security Analysis: program analysis, formal methods and verification

RECENT PUBLICATIONS IN RELATED RESEARCH

- *Measuring Robustness in Cyber-Physical Systems under Sensor Attacks*. Nonlinear Analysis: Hybrid Systems (to appear). Jian Xiang, Ruggero Lanotte, Simone Tini, Stephen Chong, and Massimo Merro.

- *Quantitative Robustness Analysis of Sensor Attacks on Cyber-Physical Systems*. ACM International Conference on Hybrid Systems: Computation and Control (HSCC), May 2023. S. Chong, R. Lanotte, Massimo Merro, S. Tini, and J. Xiang (all equal contributions).

- *Relational Analysis of Sensor Attacks on Cyber-Physical Systems*. IEEE Computer Security Foundations Symposium (CSF), June 2021. J. Xiang, N. Fulton, and S. Chong.

- *Co-Inflow: Coarse-grained Information Flow Control for Java-like Languages*. IEEE Symposium on Security and Privacy (S&P), May 2021. J. Xiang and S. Chong.