Hong-Sheng Zhou, Ph.D.

Associate Professor at VCU College of Engineering

Engineering East Hall, E4242, Richmond, VA, US

Hong-Sheng Zhou's main research area is Cryptography, spanning the full spectrum from theory to practice

Biography

Hong-Sheng Zhou, Ph.D., joined VCU in the fall of 2013. He was a postdoc at Maryland Cybersecurity Center, as a recipient of NSF Computing Innovation Fellowship, under the direction of Jonathan Katz. Before that, he received his Ph.D. at the University of Connecticut with Aggelos Kiayias, Ph.D., as advisor. Currently, Dr. Zhou is also a scientist and co-founder of Fractal Platform, a new blockchain startup. Dr. Zhou is working in multiple areas of cryptography including secure computing; voting; secure outsourcing; blockchain technologies; and extreme cryptography against strong leakage, tampering, kleptographic and quantum attacks. He has published a number of papers in top cybersecurity and distributed computing conferences, such as CRYPTO, EUROCRYPT, ACM CCS, and PODC. Dr. Zhou?s research has been funded by NSF and multiple industry awards

Areas of Expertise

Cryptography, Cryptocurrency/Blockchain Techniques, Information Security, Distributed Computing

Education

University of Connecticut
Ph.D. Computer Science

Shanghai Jiaotong University
M.E. Communication and Information Systems

Nanjing University of Posts and Telecommunications
B.E. Electrical Engineering (Wireless Communications)

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