Kurt Rohloff

Associate Professor, Computer Science at New Jersey Institute of Technology

Newark, NJ, US

Professor Rohloff focuses on encrypted computing, homomorphic encryption, lattice-based and applied cryptography and cybersecurity

Biography

Kurt Rohloff is an associate professor of computer science at NJIT and the co-founder and director of the NJIT Cybersecurity Research Center. His research interests are in encrypted computing, homomorphic encryption, lattice-based cryptography, applied cryptography, cybersecurity, distributed information management, information access delegation, key management, software engineering, high-assurance design, mobile systems and secure communication protocols. Rohloff received a bachelor's in electrical engineering from the Georgia Institute of Technology in Atlanta and a master of science and doctorate in electrical engineering from the University of Michigan, Ann Arbor.

Areas of Expertise

Contact Tracing, Software Engineering, Cryptography Computer Security and Privacy, Cybersecurity, Cryptography, Encryption, Privacy

Affiliations

Duality Technologies

Event Appearances

Prototyping and Using Encrypted Computing Technologies to Protect Data
iSense Seminar

Computing on Encrypted Data
Waseda Univeristy Computer Science Seminar

Approaches to Indistinguishability Obfuscation
Tandon School of Engineering

Everything you Wanted to Know about DARPA but were Afraid to Ask
Computer Science Seminar

Implementing Homomorphic Encryption to Enable Practical and Secure Computing
University of Tartu Computer Research Seminar

Privacy-Preserving Publish-Subscribe using End-to-End Encryption
Workshop on Surveillance & Technology held with the Privacy Enhancing Technologies Symposium (PETS)

Applying Homomorphic Encryption for Practical Genomic Privacy
Dagstuhl Seminar 15431

Towards Practical Implementations of Fully Homomorphic Encryption
Algebra and Cryptography Seminar

Education

University of Michigan
Ph.D. Electrical Engineering: Systems

University of Michigan
M.S. Electrical Engineering: Systems

Georgia Institute of Technology
B.E.E. Electrical Engineering

Accomplishments

DARPA Director's Fellowship
2019

DARPA Young Faculty Award
2016

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