

Defenses and Dissertations

Offensive and Defensive Security for Everyday Computer Systems

by
Ian Markwo

For the Ph.D. degree in Computer Science & Engineering

This research treats a variety of topics in the computer security domain which have an impact on everyday life. It focuses on power grids and then private networks. It addresses attacks on the power grid and on private networks when it has been stolen, based on collected behavioral traits of users. It also addresses a new type of attack on content integrity. It also addresses potential vulnerabilities in the automated control of power grids.

Tuesday, April 24, 2018

10:30 am

ENB 557

THE PRINCIPAL

Examining Committee

Nasir Ghani, Ph.D., Chairperson

Richard D. Oram, Ph.D.

Jay Ligatti, Ph.D.

Shihong Ou, Ph.D.

Dan Shuman, Ph.D.

Richard D. Oram, Ph.D.

Rolando B. Lopez,
Dean, College of Engineering

Dean, College of Graduate Studies

Disability Accommodations:

If you require a disability accommodation to participate, please contact the Office of Disability Services at 813-974-4373 at least five (5) working days before the event.