VirginiaTech
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Computer Science Seminar Series, 2012
National Capital Region

Civitas: Coercion-Resistant Remote Voting

Speaker: Prof. Michael Clarkson
George Washington University

Friday, September 14, 2012
1:00PM- 2:00PM, NVC 325

Abstract

Civitas is an electronic voting system that enables voting from remote locations. Voters can be convinced that their votes are tallied correctly, while the secrecy of those votes is also maintained---even when someone tries to buy votes or to physically coerce voters. Civitas offers assurance through both cryptographic security proofs and information-flow analysis.

Biography

Michael Clarkson is an assistant professor in the Department of Computer Science at The George Washington University in Washington, DC. He received a PhD in computer science from Cornell University in 2010. Clarkson's research interests include computer security and programming languages. His work focuses on using principled techniques to define security and to construct secure systems. He is the recipient of an Air Force Young Investigators Award. He served as a member of a security review team commissioned by the Florida Division of Elections for an Internet voting pilot project.