



THE CHINESE UNIVERSITY OF HONG KONG
Department of Information Engineering

Seminar

Graphical Passwords

by

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Date : 13 December, 2013 (Friday)
Time : 11:00am - 12:00noon
Venue : Room 833, Ho Sin Hang Engineering Building
The Chinese University of Hong Kong

Abstract

A major development in computer security in the past decade is the emergence of "usable security", which has now become a thriving and fast-moving discipline. Most, if not all, people agree that we need security systems that are simultaneously secure and usable. A hot topic in usable security is graphical passwords, which aim to deliver a graphical alternative to the ubiquitous text password scheme that has long suffered from various security and usability problems. I will examine the recent development of graphical password research, present some novel attacks we discovered, and highlight some open problems. To make better graphical passwords, expertises in security, usability and signal processing all matter.

Biography

Jeff Yan is on the faculty of the School of Computing Science at Newcastle University, UK, where he's a founding research director of the Center for Cybercrime and Computer Security. He started researching human behavior in security in the '90s, and ever since his work has focused on human and system aspects of security. He has a PhD in computer security from Cambridge University, served on the PC for the first SOUPS (CMU, 2005), and serves on the editorial boards of Springer's International Journal of Information Security and IEEE Transactions on Information Forensics and Security.

**** ALL ARE WELCOME ****