

An Overview of IT Security Forensics

Jointly Presented by the San Francisco & Oakland East Bay Chapters of the Communications Society

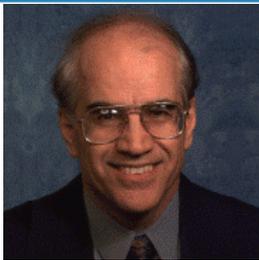


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Dr. Manu Malek

Dr. Malek is an IEEE Fellow and Industry Professor of Telecommunications Management at the Stevens Institute of Technology in Hoboken, New Jersey.

Date: April 19, 2008

Time: 12:30 PM

Location:

**SFSU College of Extended Learning Downtown Campus
835 Market Street, Room 607
San Francisco, CA 94103**

Organizations increasingly rely on the Internet for their operations. Although the use of this technology provides many advantages, the Internet poses a unique set of vulnerabilities. Security attacks, such as worm and virus attacks, ID theft, & espionage, are examples of threats encountered daily by various institutions. Against this backdrop, it is clear that security is one of the most important IT concerns today.

Security forensics is a discipline to identify the attackers & document their activity with sufficient reliability to justify appropriate technical, business, & legal responses. The discipline involves identification, preservation & analysis of evidence of security attacks. Forensic activity takes place in a complex technical, legal, & social context which must be understood to fully appreciate its power & value. This talk will provide an overview of security forensics & addresses some of the technological & legal issues involved. A few simple forensic tools will be demonstrated.

Dr. Malek is the author, co-author, or editor of 7 books, co-holder of 2 patents, & the author or co-author of more than 50 published technical papers & numerous technical reports in the areas of network design, computer communications, & network operations & management. He is an IEEE ComSoc Distinguished Lecturer & the Founder & Editor-in-Chief of Journal of Network & Systems Management. He earned his Ph.D. in EE/CS from University of California.

This meeting is co-hosted by the Institute for Next Generation Internet and San Francisco State University

