# IEEE Communication Society
## Hosted by San Francisco and Oakland East Bay Chapters

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| **Date** | 12:30 – 2:00pm, Saturday April 19th, 2008 |
| **Lunch** | 12:30pm – complimentary light lunch prior to the lecture – RSVP |
| **Location** | **SFSU Downtown Campus**<br>835 Market Street, Room <u>607</u>, San Francisco, CA 94103 |
| **Transportation** | This premium downtown shopping area (Westfield Centre) is accessible by CalTrain, BART and MUNI. Public parking is available (Garage, 5th andMission); Westfield accesses to SFSU elevators are on the <u>Market Street</u>, <u>basement-food-court</u>, <u>and 'C' levels</u>. |
| **RSVP** | **You must RSVP by sending your name to: mjbsf@ieee.org** |
| **Topic** | ## An overview of IT Security Forensics<br><br>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, and 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.<br><br>Security forensics is a discipline to identify the attackers and document their activity with sufficient reliability to justify appropriate technical, business, and legal responses. The discipline involves identification, preservation and analysis of evidence of security attacks. Forensic activity takes place in a complex technical, legal, and social context which must be understood to fully appreciate its power and value. This talk will provide an overview of security forensics and addresses some of the technological and legal issues involved. A few simple forensic tools will be demonstrated. |
| **Speaker** | ## Dr. Manu Malek<br><br>Dr. Malek is an IEEE Fellow, IEEE Distinguished Lecturer, and Industry Professor of Telecommunications Management at Stevens Institute of Technology, Hoboken, NJ. |
| **Biography** | Prior to joining Stevens in 2001, Dr. Malek was Distinguished Member of Technical Staff at Lucent Technologies Bell Laboratories. He has more than 20 years of experience in teaching, practicing, and research in communication networks design, optimization, operations, and management, and has held various academic positions in the US and overseas, as well as technical management positions with Telcordia Technologies and Bell Laboratories.<br><br>Dr. Malek is the author, co-author, or editor of seven books, co-holder of two patents, and the author or co-author of more than fifty published technical papers and numerous technical reports in the areas of network design, computer communications, and network operations and management. He is a fellow of the IEEE, an IEEE Communications Society Distinguished Lecturer (1999-2007) and the founder and Editor-in-Chief of *Journal of Network and Systems Management*. He earned his Ph.D. in EE/CS from University of California, Berkeley |