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Distinguished Lecturer Series

Supported by Jeffrey & Holly Ullman



Moti Yung

Cryptographer & Computer Scientist

Kleptography: Old Warnings, New Threats!

Abstract: Designing trusted systems that are strong and secure is a challenging problem. Given attackers that are well financed, dedicated, and highly interested in breaking the global infrastructure is one of the issues we have realized in the last few years (Advanced Persistent Threats, and organization performing mass surveillance, etc.). Kleptography deals with employment of cryptography as an attack tool (for breaking security and privacy). We will discuss its development as an algorithm replacement attack, its employment within other attacks, and its unique implications.

Dr. Moti Yung is a Research Scientist with Google Inc. and an Adjunct Senior Research Faculty at the Computer Science Department, Columbia University. Before that he was a member of IBM Research and a consultant to leading companies and governments, including to RSA Labs. His main research interests are in the areas of Security, Cryptography and Privacy, as well as in Distributed Computing, and he has been working on theoretical foundations, applications, as well as on crucial industrial solutions. He is a fellow of the Association of Computing Machinery (ACM), a fellow of IACR (the International Association for Cryptologic Research), and he won the ACM's SIGSAC Outstanding Innovation Award in 2014.

**14:00 – 16:00 on Sunday November 30, 2014—Room 202, Alon Bldg (37/202)
(202/37) 14:00 – 16:00 יום 30 בנובמבר 2014—בחדר 202 בבניין אלון (202/37)**