**PRINCETON ACM / IEEE-CS CHAPTERS**
**APRIL 2012 JOINT MEETING**

# Trust Management for Limiting Proliferation of Malware in P2P Networks

The exchange and dissemination of files in peer-to-peer (P2P) networks allows users to spread files rapidly and broadly. This capability for efficient broadcast of information is useful for applications such as IPtv, music distribution, and other mass-audience applications. Unfortunately, P2P networks also speed the spread of malware such as computer viruses. In this talk, we will discuss how trust management schemes and the cooperation of P2P participants can limit the proliferation of malware.

**Roberto Rojas-Cessa** is an Associate Professor in the Department of Electrical and Computer Engineering, New Jersey Institute of Technology. He has been involved in design and implementation of application-specific integrated-circuits (ASIC) for biomedical equipment and high-speed computer communications, and in the development of high-performance and scalable packet switches and routers, and switch reliability. His research interests include high-speed switching and routing, fault tolerance, network measurement, secure and quality-of-service (QoS) networks. Roberto received a B.S. in Electronic Instrumentation from Universidad Veracruzana, Mexico, and an M.S.C.E. and Ph.D. in Electrical Engineering from Polytechnic Institute of New York University (NYU), Brooklyn, NY. He serves in several technical committees for IEEE conferences and as a panelist for U.S. National Science Foundation and the U.S. Department of Energy. He is a Senior Member of IEEE and Member of ACM.

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| Date: | Thursday, April 19, 2012, 8:00 pm.<br>(Refreshments and networking at 7:30 pm.) |
| Place: | Small Auditorium, Room CS 105<br>Computer Science Building, Princeton University |
| Information: | Dennis Mancl (908) 582-7086, Jan Buzydlowski (610) 902-8343 |
| On-line info: | **http://PrincetonACM.acm.org** |

All Princeton ACM / IEEE-CS meetings are open to the public. Students and their parents are welcome. There is no admission charge, and refreshments are served.

A pre-meeting dinner is held at 6:00 p.m. at Ruby Tuesday's Restaurant on Route 1. Please send email to **princetonacm@acm.org** in advance if you plan to attend the dinner.