INFORMATION SYSTEM SECURITY SYMPOSIUMS

Annual Symposium on Information Security and Privacy
A free education symposium sponsored by

the College of Information Technology
University of North Carolina at Charlotte

Wednesday December 6th, 2000 1-4 pm.

UNC Charlotte Uptown Center

3rd floor, 220 North Tryon Street, Charlotte, NC.

Audience: IT professionals, university faculty and students who are interested in Information Security and Privacy. The program offers a healthy mix of technical, business, and legal perspectives. It will also be a great forum for networking with other IT professionals in the area.

Agenda

Intrusion Detection: A 20 Year Practice
Dr. Peng Liu, University of Maryland at Baltimore County.

Intrusion detection is a widely recognized critical technology for computer and network security, after a 20 year R&D practice. Many commercial intrusion detection systems have been deployed. In this presentation, we will (1) give an introductory overview of intrusion detection systems; (2) review the history of intrusion detection; (3) survey existing intrusion detection methodologies; (4) survey current commercial intrusion detection systems; and(5) identify some promising research directions in intrusion detection.

Authentication: From Password to Biometrics
Dr. Gail Joon Ahn, University of North Carolina at Charlotte.

Authentication, the process to verify the identity of a user or an agent, is the most essential of all the security services because reliable authentication is needed to enforce access control, accountability, and to achieve non-repudiation. Many methods are used to provide authentication. In this presentation, we will give an overview of authentication mechanisms; review emerging biometric technologies and applications including benefits of using biometrics for

authentication; give a brief comparison between different biometric technologies; and discuss current issues in biometrics based authentication, both within the Government and industry, such as E-sign, BioAPI, Simplifying Passenger Travel (SPT) and Assurance.

Panel: Secure Electronic Commerce.

- [Tom Bartolomeo, First Union](#)
- Jeff Jancula, First Union
- Sam Phillips, Bank of America
- Pete Murphy, Bank of America
- Ted Claypoole, Womble Carlyle Sandridge & Rice, PLLC

Security in Electronic Commerce is of great concern to consumers and businesses alike. It is also a subject of great interest to IT professionals in the Charlotte region. This panel will include leading experts in areas of technology, business, and law to discuss critical issues and trends for secure Electronic Commerce. Active audience participation will be highly encouraged.

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