



THE 1997 RSA DATA SECURITY CONFERENCE

SPEAKER BIOGRAPHY

CRYPTOGRAPHERS' TRACK

The Cryptographic Year in Review

Speaker: **Yiqun Lisa Yin**

Research Scientist

RSA Laboratories

100 Marine Parkway Suite 500

Redwood City, CA 94065

Phone: 415-595-7703

Fax: 415-595-4126

Company Background:

RSA Data Security, Inc., a wholly owned subsidiary of Security Dynamics Technologies, Inc., is the world's brand name for cryptography, with more than 75 million copies of RSA encryption and authentication technologies installed and in use worldwide. RSA technologies are part of existing and proposed standards for the Internet and World Wide Web, ITU-T, ISO, ANSI, IEEE, and business, financial and electronic commerce networks around the globe. The company develops and markets platform-independent developer's kits and end-user products, and provides comprehensive cryptographic consulting services.

Presentation Overview:

This talk highlights cryptography in 1996 and gives some ideas for what to expect in 1997. Research and development in cryptography continue to grow rapidly. This year we have seen many new algorithms proposed, and some existing ones attacked and even broken. There has been significant activity in the standards area, and an increasing synergy between the theoretical and the practical.

Speaker Background:

Dr. Yiqun Lisa Yin received her B.S. in Applied Mathematics from Beijing University, P. R. China, in 1989, and her Ph.D. in Applied Mathematics from MIT in 1994. In the summer of 1994, Dr. Yin joined RSA Laboratories as a research scientist. Her research interests include cryptography and related areas in theoretical computer science. Dr. Yin is a member of IEEE and the International Association for Cryptologic Research, and is co-editor of the IEEE P1363 working group.

PRESENTATION