



Important Events and Locations

	Date	Time	Location	
Welcome Reception sponsored by Security Dynamics	January 12, 1998	6:00 pm - 8:00 pm	Masonic Auditorium	
Registration	January 12, 1998	4:00 pm - 8:00 pm	Masonic Auditorium	
	January 13, 1998	7:00 am - 5:00 pm	Masonic Auditorium	
	January 14, 1998	7:00 am - 5:00 pm	Fairmont Hotel	
	January 15, 1998	7:00 am - 5:00 pm	Fairmont Hotel	
General Sessions	January 13, 1998	8:00 am - 6:00 pm	Masonic Auditorium	
	January 16, 1998	8:00 am - 4:00 pm		
Class Tracks	January 14, 1998 January 15, 1998	8:00 am - 6:00 pm 8:00 am - 6:00 pm	Masonic Auditorium Fairmont Hotel The Mark Hopkins	
			The Stanford Court	
Exhibit Fair Reception	January 13, 1998	6:00 pm - 8:00 pm	Fairmont Hotel	
Exhibit Fair	January 14, 1998	9:00 am - 6:00 pm	Fairmont Hotel	
	January 15, 1998	9:00 am - 3:00 pm		
IBM Cryptographers' Gala	January 15, 1998	7:00 pm - 11:00 pm	California Academy of Sciences Semi-formal attire is suggested	

Tuesday, January 13, 1998

	Keynotes and General Sessions			
9:00 am	Welcome Jim Bidzos, RSA Data Security			
9:30 am	Washington Satellite Link U.S. Representative Bob Goodlatte U.S. Senator John Ashcroft			
10:00 am	RSA Data Security Product Announcements Scott Schnell, RSA Data Security			
10:30 am	Enterprise Applications: Internets, Extranets and Email Stratton Sclavos, VeriSign			
10:50 am	BREAK			
11:10 am	Cryptographers' Panel Dr. Ron Rivest, MIT Dr. Peter Neumann, SRI International Dr. Whitfield Diffie, Sun Microsystems Dr. Taher ElGamal, Netscape Communications Dr. Burt Kaliski, RSA Laboratories			
12:00 noon	LUNCH			
1:30 pm	Cryptography, The Renaissance and the Inquisition Steve DeCaroli, <i>University of Binghamton</i>			
2:00 pm	From Promises to Reality: The Hidden Impact of Security Kathy Kincaid, IBM Corp.			
2:30 pm	PANEL: Crypto Policy Around the Globe Deborah Hurley, Kennedy School of Government Dr. Detlef Eckhert, DG XIII, European Commission Ulrich Sandl, Ministry of Economic Affairs, Germany Stephanie Perrin, Industry Canada Calvin Lim, NCB Singapore Dr. Takashi Mano, IPA Information-Technology Security Center, Japan			
3:30 pm	BREAK			
4:00 pm	Information Anytime, Anywhere Securely David Power, Security Dynamics			
4:30 pm	The Role of the Big X Firms as Trusted Third Parties Chris Vandenoever and Robin Hutchinson, Ernst & Young LLP			
5:00 pm	PANEL: Washington Update Dr. Dorothy Denning, Georgetown University Bruce Heiman, Preston Gates Ellis & Rouvelas Meeds LLP Susan Landau, University of Massachusetts Cindy Cohn, McGlashan & Sarrail, P.C. Marc Rotenberg, EPIC Bruce McConnell, Office of Information and Regulatory Affairs Jerry Berman, Center for Democracy and Technology			

12/15/97 Schedule is subject to change.

Wednesday, January 14, 1998

	Analysts Track	Developers Track	Standards Track	Cryptographers Track	Workshop: Intro to RSA Toolkits	Products I Track	Products II Track
8:00 am	A Worldwide Survey of Cryptographic Products David Balenson, Trusted Information Systems (TECH.LEVEL 2)	Commercial Cryptography: Opportunities, Threats and Implementations Bruce Schneier, Counterpane Systems (TECH.LEVEL 1)	PANEL: Transport Layer Security Christopher Allen, Consensus Win Treese, Open Market, Inc. Tim Dierks, Consensus Taher ElGamal, Netscape Barbara Fox, Microsoft (Level 3)	Imprinting of Digital Video Dr. Dror Lapidot, Algorithmic Research (TECH.LEVEL 4)	Crypto 101 Tim Matthews, RSA Data Security (TECH.LEVEL 3)	Security on a Java Smart Card Ksheerabdi Krishna, Schlumberger (TECH.LEVEL 1)	A System Level Solution for Virtual Private Networking Ron Avignone, VPNet Technologies (Tech.Level 1)
9:00 am	The Risks of Key Recovery Dr. Matt Blaze, AT&T Labs (TECH.LEVEL 1)	A Survival Guide for the PKI Architect Judith Furlong, The MITRE Corporation (TECH.LEVEL 4)	PANEL: S/MIME – The Next Generation Paul Hoffman, Internet Mail Cons. Rik Drummond, The Drummond Group Russ Housley, SPYRUS Blake Ramsdell, Worldtalk (TECH.LEVEL 2)	Deterrence Measures for Spam Kevin McCurley, IBM Research (TECH.LEVEL 3)	Working with the BSAFE Toolkit Steve Burnett, RSA Data Security (TECH.LEVEL 4)	Enterprise Security Management Framework Asheem Chandna, Check Point Software (Tech.Level 3)	Integrating Certificate Infrastructures with IPSEC VPNs Brett Howard, TimeStep (Tech.Level 2)
10:00 am	True-Life Stories of Certificate Authorities in Financial Services Dr. Stephen N. Cohn, nCipher (TECH.LEVEL 2)	Java™ Security: Beyond Code Safety Jahan Moreh, Open Horizon (TECH.LEVEL 3)	ANSI and ISO Crypto Standards: A Progress Report Sandra M. Lambert, Lambert & Associates (TECH.LEVEL 2)	Crowds, Anonymous Web Transactions Mike Reiter, AT&T Labs Research (TECH.LEVEL 3)	Working with the JSAFE Toolkit Steve Burnett, RSA Data Security (TECH.LEVEL 4)	NetDox Global Service for Confidential Digital Communications Julie Grace, NetDox (TECH.LEVEL 1)	Enabling Business over Open Networks with Gate Technology James Chen, V-ONE (TECH.LEVEL 1)
11:00 am	PANEL: Cryptography and the Media Dan Gillmor, San Jose Mercury News Steven Levy, Newsweek Simson Garfinkel, Boston Globe Sasha Cavender, IPO (Tech.Level 1)	Smartcard Enabled Solutions for Enterprise, Extranet and Intranet Security Steve Petri, Litronic (TECH.LEVEL 3)	Java Based Secure DNS Server Ashar Aziz, Sun Microsystems (TECH.LEVEL 3)	Design vs. Implementation Susan Langford, Atalla (TECH.LEVEL 5)	RSA Security Components & Tools for Certificate- Based Applications Archi- tecture & Implementation Kevin Kingdon & Marty Jost, RSA Data Security (TECH.LEVEL 3)	CryptoSwift: A Necessity for Serious Commerce Servers Mitch Simon, Rainbow Technologies (Tech.Level 1)	Digital Signatures and the US Postal Service's Information-Based Indicia Program Donald A. Cole, <i>Booz</i> , <i>Allen & Hamilton</i> (TECH.LEVEL 1)
LUNCH							
2:00 pm	The FBI's Computer Investigations and Infrastructure Threat Assessment Center: Efforts to Combat Computer Crime and Infrastructure Threats Kenneth M. Geide, Federal Bureau of Investigation (TECH.LEVEL 2)	Autonomous Security Agents: Negotiating Compatible Crypto Protocols on Behalf of the End-User Yuh-Jong Hu, National Chengchi Univ., Taipei (TECH.LEVEL 4)	A Standard for Public-Key Based Applications Access Control Gary Kinghorn, RSA Data Security Marc Fastiggi, Security Dynamics (TECH.LEVEL 2)	Advances in Cryptographic Algorithms: New Discoveries Dr. Richard Crandall, Apple Computer (TECH.LEVEL 4)	RSA Security Components & Tools for Certificate- Based Applications Archi- tecture & Implementation Kevin Kingdon & Marty Jost, RSA Data Security (TECH.LEVEL 3)	Hewlett-Packard's Cryptographic API Strategy Mike Jerbic, Hewlett-Packard (TECH.LEVEL 4)	The Modular Security Management System (MSMS) Hany Fahmy, Racal Data Group (TECH.LEVEL 3)
3:00 pm	PANEL: International Standards for Authentication of Electronic Communications: Are They A Necessity? Tim Tomlinson, Tomlinson Zisko Morosoli & Maser LLP Alexander Blumrosen, Bernard-Hertz-Bejot, Paris Adrian Lifely, Osborne Clarke, London (TECH.LEVEL 2)	Extending Cryptographic Services for Network Security Protocols Bronislav Kavsan, Information Resource Engineering (TECH.LEVEL 4)	Introduction to SSL 3.0 Paul Kocher, Cryptography Research (TECH.LEVEL 3)	Distributed Signing for Certification Authorities Ernest Brickell, Certco (TECH.LEVEL 3)	Working with the S/MAIL Toolkit Rhonda Racine, RSA Data Security (TECH.LEVEL 4)	Norton Your Eyes Only Version 5 David Grawrock, Symantec (TECH.LEVEL 1)	Preboot Crypto API Robert Horton, Phoenix Technologies (TECH.LEVEL 2)
4:00 pm	PANEL: Cryptography, Online Loyalty Schemes and the Exchange of Near- Money Currencies Oscar Jenkins, Uptime Group Plc. London Bradley Crooks, Saatchi & Saatchi London Vaclav Matyas, Univ. of Cambridge, London (Tech.Level 1)	Hardware Cryptography: Selecting the Right Tool for the Job Dr. Susan Langford, Atalla (TECH.LEVEL 5)	International Cryptography Standards Dr. Santosh Chokhani, CygnaCom Solutions (Tech.Level 1)	Implementation of Proactive Threshold Public-Key Protocols Victoria Hamilton, Sandia National Laboratories (TECH.LEVEL 4)	Working with the S/PAY Toolkit Dr. Bob Baldwin, RSA Data Security (TECH.LEVEL 4)	Entrust Architecture and Applications Solutions lan Curry, Entrust Technologies (Tech.Level 3)	GPK Cards: The Key to Digital Signatures and Secure Electronic Commerce David M'Raihi, GEMPLUS (Tech.Level 4)
5:00 pm	A Web Implementation of the NRC's National Recommendations for Protecting Health Information Dr. John D. Halamka, Harvard Medical School (Tech.Level 2)	Implementation of a Cascading Random Number Generator David Grawrock, Symantec (Tech.Level 3)	Lessons Learned in Certification Authority Accreditation & Assessment Eric V. Leighninger, Deloitte & Touche Security Services (TECH.LEVEL 2)	Public-Key Methods for Shared-Secret Authentication David Jablon, Integrity Sciences (TECH.LEVEL 4)	Working with Hardware Interfaces to RSA Toolkits Shawn Abbot, <i>Rainbow</i> Robert Burroughs, <i>IBM</i> Jeremy Stieglitz, <i>RSA</i> (TECH.LEVEL 3)	The Next Generation of Electronic Commerce Technology Dwayne Walker, TechWave (TECH.LEVEL 1)	Secure Remote Access with NetSentry Remote Ken Biery, Jr., Storage Tek Network Systems Group (TECH.LEVEL 1)

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Thursday, January 15, 1998

	Analysts Track	Developers Track	Standards Track	Cryptographers Track	Bonus Track	Products I Track	Products II Track
8:00 am	Hidden Flaws Paul Kocher, Cryptography Research	SET From a Developer's Perspective Brian Korver, Terisa Systems (TECH.LEVEL 4)	Panel: Achieving Interoperability Within The Public Key Infrastructure Warwick Ford, VeriSign Donna Fogle Dodson, NIST Charles Merrill, McCarter & English Tim Polk, NIST (Tech.Level 2)	Symmetric Block Ciphers Carlisle Adams, Entrust Technologies (TECH.LEVEL 2)	High Performance RSA Hardware Accelerator Design Dr. Shigenori Shimizu, IBM Research, Tokyo (TECH.LEVEL 3)	Next Generation Netscape Security Taher ElGamal, Netscape Communications (Tech.Level 3)	PANEL: Secure Banking from Your Couch Patrick Lin, WebTV Bill Finkelstein, Wells Fargo Bank Donna Baranski-Walker, Terisa Systems (TECH.LEVEL 1)
9:00 am	PANEL: Accreditation of Security Products John Morris, CygnaCom Solutions Leo Pluswisk, NCSA Frederick G. Tompkins, NCSA (TECH.LEVEL 2)	An Overview of CryptoAPI 2.0 Mohan Rao Cavale, Microsoft (Tech.Level 3)	Using PKCs#11 to Support Multiple Cryptographic API's Gregg Weissman, Spyrus (Tech.Level 4)	The Rise of Approximation Attacks Luke O'Conner, IBM Research, Zurich (TECH.LEVEL 5)	Java Applets & ActiveX Controls on the Corpo- rate I*net: Security Issues and Solutions Ron Moritz, Finjan (Tech.Level 2)	Designing Secure Systems for Internet Commerce Win Treese, Open Market (TECH.LEVEL 3)	Turning Digital Objects into Digital Property: Introducing Transactor Ron Martinez, Transactor Networks (Tech.Level 2)
10:00 am	Liability and Other Legal Issues Relating to the Development and Use of Encryption Technology Gregg Kirchhoefer, Kirkland & Ellis Adam Petravicius, Kirkland & Ellis (TECH.LEVEL 2)	Metadata and Data Labels Dr. Frank P. Stelmack, Tasc (Tech.Level 2)	NIST Standards Developments and Activities Update Miles Smid, NIST Ed Roback, NIST (Tech.Level 1)	Performance Comparisons of Public-Key Cryptosystems Michael Wiener, Entrust Technologies (Tech.Level 3)	FIPS 140-1 Certification: The Netscape Experience John Hines, Netscape Communications (Tech.Level 3)	ROSETTA Secure Smart Card and SPYCOS Julie Krueger, Spyrus (TECH.LEVEL 2)	Ownership Issues and Digital Watermark Technology Scott Moskowitz, The DICE Company (Tech.Level 1)
11:00 am	The Development of a Global Digital Signature Law Michael S. Baum, VeriSign (TECH.LEVEL 3)	Anonymous Collaboration Warren Stringer, Coincidence, Inc. (Tech.Level 3)	Act on Digital Signature in Germany: Goals and Possibilities Dr. Helmut Reimer, TeleTrust Deutschland (TECH.LEVEL 2)	Smart RSA Acceleration on Smart Cards Françoise Levy-dit-Vehel GEMPLUS (TECH.LEVEL 4)	Cryptographic Security Services Protocol Dr. John Brainard, RSA Laboratories (Tech.Level 4)	SecurSight: Securityware for Plug-in Information Security Khris Loux, Security Dynamics (TECH.LEVEL 2)	Biometric Encryption for Secure Key Generation Dr. Colin Soutar, Mytec Technologies (Tech.Level 3)
LUNCH							
2:00 pm	PANEL: Smartcards Update (LEVEL 1) Bill Powar, Venture Architects Merzad Madavi, Schlumberger Doug McGowan, Hewlett-Packard Ted Goldstein, JavaSoft Allen Weinberg, First Data	Hacker Tools and Techniques Cynthia Cullen, BELLCORE (TECH.LEVEL 3)	The SET Root Certification Authority Mark Jefferson, CertCo (Tech.Level 2)	Strong Primes Bob Silverman, RSA Laboratories (TECH.LEVEL 5)	Welcome to PreviewSoft Cay Horstmann, PreviewSoft (Tech.Level 1)	Spotlight on SET Hardware Cryptography: Atalla PayMaster Steve Scott, Atalla (TECH.LEVEL 2)	The Development of IBM's Key Recovery Products: Lessons Learned N. Vasudevan, IBM (TECH.LEVEL 3)
3:00 pm	PANEL: Protecting Digital Wealth Dr. Prakash Ambegaonkar, Frontier Technologies Dr. Taher ElGamal, Netscape George Spix, Microsoft John Tavs, IBM Corp. (TECH.LEVEL 1)	Java Cryptography Extension (JCE) Jan Luehe, JavaSoft (Tech.Level 4)	PANEL: A Current Overview of IPSEC Dr. Stephen Kent, BBN Robert Moskowitz, Chrysler (TECH.LEVEL 3)	On the Continuum Between On-line and Off-line E-cash Systems Yacov Yacobi, Microsoft (TECH.LEVEL 4)	Open Commerce SafeXChange Robert Frank, Open Commerce (TECH.LEVEL 1)	WorldSecure Server: Comprehensive E-Mail Security & Encryption Policy Enforcement Reynold Wong, Worldtalk (TECH.LEVEL 1)	BBN High Assurance CA Solutions Patrick Cain, BBN (Tech.Level 1)
4:00 pm	Getting Management Buy-In on Encryption John O'Leary, Computer Security Institute (TECH.LEVEL 1)	Using PKCS #11 in Real Life Applications Robert Relyea, Netscape Communications (Tech.Level 4)	The IETF's PKIX Working Group: An Update Dr. Carlisle Adams, Entrust Technologies (Tech.Level 2)	Secure Payments Over the Internet Amir Herzberg, IBM Research, Haifa (TECH.LEVEL 4)	A Certificate Management Protocol for PKIs Cheryl Madson, Cisco Systems (Tech.Level 4)	Secure Doesn't Have to Mean Slow Alex Van Someren, nCipher (Tech.Level 1)	Securing the Corporate Intranet: The Push Solution Hubert Delaney, BackWeb Technology (Tech.Level 1)
5:00 pm	Legal Issues for Companies Outsourcing CA Services Andrew R. Basile, McBride Baker & Coles (TECH.LEVEL 2)	Public Key Security For Windows NT 5.0 Blair Dillaway, Microsoft Corporation	S/MIME Secured Internet Faxing Mikio Mizutani, Matsushita (TECH.LEVEL 1)	Combining Encryption and Compression Operations Efficiently Robert Monsour, Hi/fn (TECH.LEVEL 4)	Security Support and Interoperability in Wireless Networks Kamran Ghane, Hiva Consulting (TECH.LEVEL 4)	Datakey Crypto Card Operating System (DKCCOS) Bill Rohland, Datakey (Tech.Level 3)	Securing MQ Series Middleware Barry Ader, Candle (TECH.LEVEL 1)

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Conference Schedule, Continued



Friday, January 16, 1998

	W
	Keynotes and General Sessions
9:00 am	Why Public-Key Infrastructures Are Necessary to Support Electronic Commerce John Ryan, Entrust Technologies
9:30 am	Public Key Infrastructure — A Case Study Paul K. Win, The Bank of Nova Scotia
10:00 am	Cracking Keys for Fun & Profit: The Year in Review Peter Trei, Security Dynamics
10:30 am	Netscape Security Vision Marc Andreessen, Netscape
11:00 am	
11:30 am	LUNCH
1:00 pm	AFTERNOON KEYNOTE John Powers, Robertson Stephens & Co.
1:30 pm	PANEL: Encryption Control and Global Security Policy – Is the Conflict in National Legal Regimes Retarding Electronic Commerce? Moderator: Richard Allen Horning, Tomlinson Zisko Morosoli & Maser LLP, Palo Alto Robert Bond, Hobson Audley Hopkins & Wood, London Daniel P. Kahn, Kahn et Associés, Paris Wilson Wong, Allen & Gledhill, Singapore
2:30 pm	The Evolution of Secure Internet Payments George Hoyem, VeriFone
3:00 pm	CLOSING ADDRESS Chuck Stuckey, Security Dynamics
3:30 pm	End Of Conference

Directions to Nob Hill, San Francisco, CA:

Conveniently located in the heart of San Francisco, a brief cable car ride away from Union Square, Chinatown, Ghirardelli Square and Fisherman's Wharf.

From the San Francisco Airport: Take Highway 101 North 15 miles to the 9th Street Exit (9th turns into Larkin Street, after crossing over Market Street). Turn right onto California Street. Take California to Mason Street. The Masonic Auditorium is located on the right (corner of California Street and Taylor Street). The Fairmont Hotel is located 1 block East on the left (corner of California Street and Mason Street). The Mark Hopkins Hotel is located on the right (corner of California Street and Mason Street).

From the Bay Bridge: Take the Fremont Street Exit. Turn left onto California Street. Follow California Street up the hill to Mason Street. The Fairmont Hotel is located on the right (corner of California Street and Mason Street). The Mark Hopkins Hotel is located on the left (corner of California Street and Mason Street). The Masonic Auditorium is located 1 block West on the left (corner of California Street and Taylor Street).

Weather:

January temperatures in San Francisco typically fluctuate between 50 - 60 degrees in the daytime and 40 - 50 degrees in the evening. Be prepared; there is always a chance of rain this time of year.

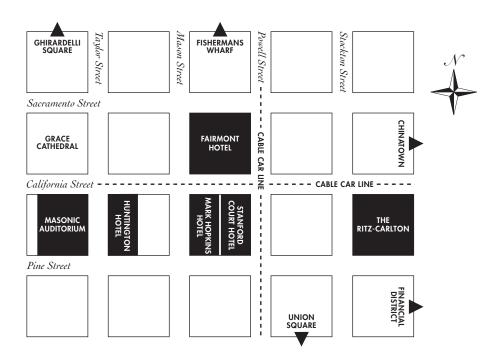
Attire:

Business casual attire during the conference is suggested. Semi-formal attire is suggested for the IBM Cryptographers' Gala on Thursday night at the California Academy of Sciences.

If you have any questions or require additional information, please call LKE Productions at (800) 340-3010 or (415) 544-9300.

Conference Venues





Transportation:

You can travel to Nob Hill by way of cable car, bus or taxi cab. The California Street cable car drops off in front of the Fairmont Hotel. The Sacramento Street #1 bus has a stop at Sacramento Street and Mason Street which is 1 block North of the conference venue locations.

Parking:

There are several parking garages located atop of Nob Hill. Parking rates for the day range from \$15-27. The Fairmont Hotel, The Stanford Court Hotel and the Masonic Auditorium have on-site parking garages that are available to their hotel guests and conference attendees.

Masonic Auditorium

1111 California Street San Francisco, CA 94108 Phone: 415/776-4702 Fax: 415/776-3945

Mark Hopkins Inter-Continental

Number One Nob Hill San Francisco, CA 94108 Phone: 415/392-3434 800/327-0200

Fax: 415/421-3302

The Stanford Court

905 California Street San Francisco, CA 94108

Phone: 415/989-3500 800/227-4736

Fax: 415/391-0513

Fairmont Hotel

950 Mason Street

San Francisco, CA 94108

Phone: 415/772-5000

800/334-3550 800/527-4727

Fax: 415/781-3929

The Ritz-Carlton

Phone: (415) 296-7465 (800) 241-3333

California Academy of Sciences

Golden Gate Park San Francisco, CA 94118 Phone: 415/221-5100

Lodging:

Lodging accommodations are available at special conference room rates at the following hotels: *The Fairmont Hotel* (starting at \$135 and up), *The Stanford Court Hotel* (from \$166 and up), and *The Ritz-Carlton* (from \$150 up). Mention the RSA Conference to receive the special conference room rate, and make sure to reserve your room by December 1, 1997!

If you have any questions or require additional information, please call LKE Productions at (800) 340-3010 or (415) 544-9300. We look forward to seeing you in January!