

# Table of Contents

## Electronic Commerce

- Experimenting with Electronic Commerce on the PalmPilot ..... 1  
*Neil Daswani and Dan Boneh*
- Blinding of Credit Card Numbers in the SET Protocol ..... 17  
*Hugo Krawczyk*

## Anonymity Control

- Trustee Tokens: Simple and Practical Anonymous Digital Coin Tracing .... 29  
*Ari Juels*
- Flow Control: A New Approach for Anonymity Control in Electronic  
Cash Systems ..... 46  
*Tomas Sander and Amnon Ta-Shma*

## Fraud Management

- Risk Management for E-Cash Systems with Partial Real-Time Audit ..... 62  
*Yacov Yacobi*
- Assessment of Effectiveness of Counterfeit Transaction Detection  
Systems for Smart Card Based Electronic Cash ..... 72  
*Kazuo J. Ezawa, Gregory Napiorkowski and Mariusz Kossarski*

## Public-Key Certificates

- Reasoning about Public-Key Certification: On Bindings between  
Entities and Public Keys ..... 86  
*Reto Kohlas and Ueli Maurer*
- Online Certificate Status Checking in Financial Transactions:  
The Case for Re-issuance ..... 104  
*Barbara Fox and Brian LaMacchia*

## Steganography

- Playing 'Hide and Seek' with Stored Keys ..... 118  
*Adi Shamir and Nicko van Someren*
- On Channel Capacity and Modulation of Watermarks in Digital  
Still Images ..... 125  
*Markus Breitbach and Hideki Imai*

## Content Distribution

- Towards Making Broadcast Encryption Practical ..... 140  
*Michel Abdalla, Yuval Shavitt and Avishai Wool*

Conditional Access Concepts and Principles .....	158
<i>David W. Kravitz and David M. Goldschlag</i>	
Fair Use, Intellectual Property, and the Information Economy (Panel Session Summary) .....	173
<i>Jon Callas, Joan Feigenbaum, David Goldschlag and Erin Sawyer</i>	
<b>Anonymity Mechanisms</b>	
Anonymous Authentication of Membership in Dynamic Groups .....	184
<i>Stuart Schechter, Todd Parnell and Alexander Hartemink</i>	
Some Open Issues and New Directions in Group Signatures .....	196
<i>Giuseppe Ateniese and Gene Tsudik</i>	
<b>Auctions and Markets</b>	
Anonymous Investing: Hiding the Identities of Stockholders .....	212
<i>Philip MacKenzie and Jeffrey Sorensen</i>	
Fair On-Line Auctions without Special Trusted Parties .....	230
<i>Stuart G. Stubblebine and Paul F. Syverson</i>	
<b>Auctions and Markets</b>	
Cryptosystems Robust against “Dynamic Faults” Meet Enterprise Needs for Organizational “Change Control” .....	241
<i>Yair Frankel and Moti Yung</i>	
Improved Magic Ink Signatures Using Hints .....	253
<i>Markus Jakobsson and Joy Müller</i>	
Author Index .....	269



<http://www.springer.com/978-3-540-66362-1>

Financial Cryptography

Third International Conference, FC'99 Anguilla, British  
West Indies, February 22-25, 1999 Proceedings

Franklin, M. (Ed.)

1999, VIII, 268 p. 36 illus., 6 illus. in color., Softcover

ISBN: 978-3-540-66362-1