

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>	
Anonymity Mechanisms	
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>	
Auctions and Markets	
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>	
Auctions and Markets	
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