

# Table of Contents

Introduction	
<i>Bruce Christianson</i> (Transcript) .....	1
Keynote Address	
<i>Roger M. Needham</i> .....	2
Weak Authentication: How to Authenticate Unknown Principals without Trusted Parties	
<i>Jari Arkko* and Pekka Nikander</i> .....	5
Discussion .....	17
Is Entity Authentication Necessary?	
<i>Chris J. Mitchell* and Paulo S. Pagliusi</i> .....	20
Discussion .....	30
A Structured Operational Modelling of the Dolev-Yao Threat Model	
<i>Wenbo Mao</i> .....	34
Discussion .....	45
On Trust Establishment in Mobile <i>Ad-Hoc</i> Networks	
<i>Laurent Eschenauer*, Virgil D. Gligor*, and John Barras</i> .....	47
Discussion .....	63
Legally Authorized and Unauthorized Digital Evidence	
<i>Hiroshi Yoshiura*, Kunihiko Miyazaki, Shinji Itoh, Kazuo Takaragi,</i> <i>and Ryoichi Sasaki</i> .....	67
Discussion .....	71
Shrink-Wrapped Optimism: The DODA Approach to Distributed Document Processing	
<i>Bruce Christianson* and Jean F. Snook</i> .....	74
Discussion .....	87
Contractual Access Control	
<i>Babak Sadighi Firozabadi* and Marek Sergot</i> .....	96
Discussion .....	103
Confidentiality Levels and Deliberate/Indeliberate Protocol Attacks	
<i>Giampaolo Bella and Stefano Bistarelli*</i> .....	104
Discussion .....	119

VIII Table of Contents

Analyzing Delegation Properties	
<i>Giampaolo Bella and Lawrence C. Paulson*</i> .....	120
Discussion .....	126
Combinatorial Optimization of Countermeasures against Illegal Copying	
<i>Ryoichi Sasaki*, Hiroshi Yoshiura, and Shinji Itoh</i> .....	128
Discussion .....	144
Protocols with Certified-Transfer Servers	
<i>Raphael Yahalom</i> .....	145
Discussion .....	154
An Architecture for an Adaptive Intrusion-Tolerant Server	
<i>Alfonso Valdes, Magnus Almgren, Steven Cheung, Yves Deswarte,</i> <i>Bruno Dutertre, Joshua Levy, Hassen Saïdi, Victoria Stavridou*,</i> <i>and Tomás E. Uribe</i> .....	158
Discussion .....	178
Supporting Imprecise Delegation in KeyNote	
<i>Simon N. Foley</i> .....	179
Discussion .....	188
Modelling Protocols for Secure Group Communications in Ad Hoc Networks	
<i>Alec Yasinsac* and James A. Davis</i> .....	189
Discussion .....	202
Delegation of Signalling Rights	
<i>Pekka Nikander* and Jari Arkko</i> .....	203
Discussion .....	213
Mobile IPv6 Security	
<i>Tuomas Aura</i> .....	215
Discussion .....	229
Concluding Discussion: Accounting for Resources	
<i>All (Chair: Bruce Christianson) (Discussion)</i> .....	235
Back to the Beginning	
<i>Roger M. Needham</i> .....	242
<b>Author Index</b> .....	<b>243</b>



<http://www.springer.com/978-3-540-20830-3>

Security Protocols

10th International Workshop, Cambridge, UK, April

17-19, 2002, Revised Papers

Christianson, B.; Crispo, B.; Malcolm, J.A.; Roe, M. (Eds.)

2004, VIII, 248 p., Softcover

ISBN: 978-3-540-20830-3