

Table of Contents

Attacking Unlinkability: The Importance of Context.....	1
<i>Matthias Franz, Bernd Meyer, and Andreas Pashalidis</i>	
A Fresh Look at the Generalised Mix Framework	17
<i>Andrei Serjantov</i>	
Two-Sided Statistical Disclosure Attack.....	30
<i>George Danezis, Claudia Diaz, and Carmela Troncoso</i>	
A Family of Dunces: Trivial RFID Identification and Authentication Protocols	45
<i>Gene Tsudik</i>	
Louis, Lester and Pierre: Three Protocols for Location Privacy.....	62
<i>Ge Zhong, Ian Goldberg, and Urs Hengartner</i>	
Efficient Oblivious Augmented Maps: Location-Based Services with a Payment Broker	77
<i>Markulf Kohlweiss, Sebastian Faust, Lothar Fritsch, Bartek Gedrojc, and Bart Preneel</i>	
Pairing-Based Onion Routing.....	95
<i>Aniket Kate, Greg Zaverucha, and Ian Goldberg</i>	
Nymble: Anonymous IP-Address Blocking.....	113
<i>Peter C. Johnson, Apu Kapadia, Patrick P. Tsang, and Sean W. Smith</i>	
Improving Efficiency and Simplicity of Tor Circuit Establishment and Hidden Services	134
<i>Lasse Øverlier and Paul Syverson</i>	
Identity Trail: Covert Surveillance Using DNS	153
<i>Saikat Guha and Paul Francis</i>	
Sampled Traffic Analysis by Internet-Exchange-Level Adversaries	167
<i>Steven J. Murdoch and Piotr Zieliński</i>	
Browser-Based Attacks on Tor	184
<i>Timothy G. Abbott, Katherine J. Lai, Michael R. Lieberman, and Eric C. Price</i>	
Enforcing P3P Policies Using a Digital Rights Management System	200
<i>Farzad Salim, Nicholas Paul Sheppard, and Rei Safavi-Naini</i>	

Simplified Privacy Controls for Aggregated Services — Suspend and Resume of Personal Data	218
<i>Matthias Schunter and Michael Waidner</i>	
Performance Comparison of Low-Latency Anonymisation Services from a User Perspective	233
<i>Rolf Wendolsky, Dominik Herrmann, and Hannes Federrath</i>	
Anonymity in the Wild: Mixes on Unstructured Networks	254
<i>Shishir Nagaraja</i>	
Author Index	273