

Table of Contents

Keynote Talks

The UNESCO Chair in Data Privacy Research in Vehicular Networks	1
<i>Josep Domingo-Ferrer</i>	
Privacy Management for Global Organizations	9
<i>Siani Pearson, Tomas Sander, and Rajneesh Sharma</i>	

Data Privacy Management

Obligation Language and Framework to Enable Privacy-Aware SOA	18
<i>Muhammad Ali, Laurent Bussard, and Ulrich Pinsdorf</i>	
Distributed Privacy-Preserving Methods for Statistical Disclosure Control	33
<i>Javier Herranz, Jordi Nin, and Vicenç Torra</i>	
Towards a Privacy-Preserving National Identity Card	48
<i>Yves Deswarte and Sébastien Gambs</i>	
Using SAT-Solvers to Compute Inference-Proof Database Instances	65
<i>Cornelia Tadros and Lena Wiese</i>	
A Quantitative Analysis of Indistinguishability for a Continuous Domain Biometric Cryptosystem	78
<i>Ileana Buhan, Jeroen Breebaart, Jorge Guajardo, Koen de Groot, Emile Kelboom, and Ton Akkermans</i>	
A Spatial Cloaking Framework Based on Range Search for Nearest Neighbor Search	93
<i>Hyoungshick Kim</i>	
Visualizing Privacy Implications of Access Control Policies in Social Network Systems	106
<i>Mohd Anwar, Philip W.L. Fong, Xue-Dong Yang, and Howard Hamilton</i>	
Contextual Privacy Management in Extended Role Based Access Control Model	121
<i>Nabil Ajam, Nora Cuppens-Boulahia, and Frédéric Cuppens</i>	

Autonomous and Spontaneous Security

Dynamic Security Rules for Geo Data	136
<i>Alban Gabillon and Patrick Capolsini</i>	
Medical Image Integrity Control Combining Digital Signature and Lossless Watermarking	153
<i>Wei Pan, Gouenou Coatrieux, Nora Cuppens-Boulahia, Frederic Cuppens, and Christian Roux</i>	
ASRBAC: A Security Administration Model for Mobile Autonomic Networks (MAutoNets)	163
<i>Mohamad Aljnidi and Jean Leneutre</i>	
Untraceable Tags Based on Mild Assumptions	178
<i>Carlo Blundo, Angelo De Caro, and Giuseppe Persiano</i>	
Security Threat Mitigation Trends in Low-Cost RFID Systems	193
<i>Joaquin Garcia-Alfaro, Michel Barbeau, and Evangelos Kranakis</i>	
An Effective TCP/IP Fingerprinting Technique Based on Strange Attractors Classification	208
<i>João Paulo S. Medeiros, Agostinho M. Brito Jr., and Paulo S. Motta Pires</i>	
DDoS Defense Mechanisms: A New Taxonomy	222
<i>Astha Keshariya and Noria Foukia</i>	
RDyMASS: Reliable and Dynamic Enforcement of Security Policies for Mobile Agent Systems	237
<i>Housseem Aloulou, Monia Loulou, Slim Kallel, and Ahmed Hadj Kacem</i>	
Achieving Life-Cycle Compliance of Service-Oriented Architectures: Open Issues and Challenges	253
<i>Theodoor Scholte and Engin Kirda</i>	
Author Index	269