

Table of Contents

Keynote Paper

Assuring Data Trustworthiness – Concepts and Research Challenges . . .	1
<i>Elisa Bertino and Hyo-Sang Lim</i>	

Privacy Protection

On-the-Fly Hierarchies for Numerical Attributes in Data Anonymization	13
<i>Alina Campan and Nicholas Cooper</i>	
eM ² : An Efficient Member Migration Algorithm for Ensuring k-Anonymity and Mitigating Information Loss	26
<i>Phuong Huynh Van Quoc and Tran Khanh Dang</i>	
Constrained Anonymization of Production Data: A Constraint Satisfaction Problem Approach	41
<i>Ran Yahalom, Erez Shmueli, and Tomer Zrihen</i>	
Privacy Preserving Event Driven Integration for Interoperating Social and Health Systems	54
<i>Giampaolo Armellin, Dario Betti, Fabio Casati, Annamaria Chiasera, Gloria Martinez, and Jovan Stevovic</i>	

Data Security in Open Environments

Joining Privately on Outsourced Data	70
<i>Bogdan Carbunar and Radu Sion</i>	
Computationally Efficient Searchable Symmetric Encryption	87
<i>Peter van Liesdonk, Saeed Sedghi, Jeroen Doumen, Pieter Hartel, and Willem Jonker</i>	
Towards the Secure Modelling of OLAP Users' Behaviour	101
<i>Carlos Blanco, Eduardo Fernández-Medina, Juan Trujillo, and Jan Jurjens</i>	
A Formal P3P Semantics for Composite Services	113
<i>Assadarat Khurat, Dieter Gollmann, and Joerg Abendroth</i>	

A Geometric Approach for Efficient Licenses Validation in DRM	132
<i>Amit Sachan, Sabu Emmanuel, and Mohan S. Kankanhalli</i>	
Differentially Private Data Release through Multidimensional Partitioning	150
<i>Yonghui Xiao, Li Xiong, and Chun Yuan</i>	
Author Index	169