

# Table of Contents

## Invited Papers

Two of the Grand Changes through Computer and Network Technology .....	1
<i>Bart Jacobs</i>	
The Draft Data Protection Regulation and the Development of Data Processing Applications .....	12
<i>Eleni Kosta and Colette Cuijpers</i>	
Privacy Management and Accountability in Global Organisations .....	33
<i>Siani Pearson</i>	
Concepts Around Privacy-Preserving Attribute-Based Credentials: Making Authentication with Anonymous Credentials Practical .....	53
<i>Jan Camenisch</i>	
Privacy Respecting ICT Innovations in Education: Electronic Course Evaluations in Higher Education and Beyond .....	64
<i>Yannis C. Stamatiou</i>	
How can Cloud Users be Supported in Deciding on, Tracking and Controlling How their Data are Used? .....	77
<i>Simone Fischer-Hübner, Julio Angulo, and Tobias Pulls</i>	

## Challenges to Privacy, Security, and Identity

Privacy Versus Collective Security: Drivers and Barriers Behind a Trade-off .....	93
<i>Bas van Schoonhoven, Arnold Roosendaal, and Noor Huijboom</i>	
Privacy in the Life-Cycle of IT Services – An Investigation of Process Reference Models .....	102
<i>Saskia Viktoria Rother and Ina Schiering</i>	
Forgetting Bits and Pieces: An Exploration of the "Right to Be Forgotten" as Implementation of "Forgetting" in Online Memory Processes .....	114
<i>Paulan Korenhof</i>	
An Advanced, Privacy-Friendly Loyalty System .....	128
<i>Milica Milutinovic, Italo Dacosta, Andreas Put, and Bart De Decker</i>	

Securus: From Confidentiality and Access Requirements to Data Outsourcing Solutions .....	139
<i>Jens Köhler and Konrad Jünemann</i>	

## Preserving Privacy

Problem-Based Consideration of Privacy-Relevant Domain Knowledge .....	150
<i>Rene Meis</i>	
Extending Signatures of Reputation .....	165
<i>Emmanuelle Anceaume, Gilles Guetto, Paul Lajoie-Mazenc, Thomas Sirvent, and Valérie Viet Triem Tong</i>	
Preserving Privacy in Production .....	177
<i>Moritz Christian Müller</i>	

## Social Networks

User Search with Knowledge Thresholds in Decentralized Online Social Networks .....	188
<i>Benjamin Greschbach, Gunnar Kreitz, and Sonja Buchegger</i>	
An Explorative Mapping of the Belgian Social Media Marketing Value Network and Its Usage of Personal Identifiable Information .....	203
<i>Rob Heyman and Jo Pierson</i>	

## Identity and Identity Management

Privacy Issues in Cross-Border Identity Management Systems: Pan-European Case .....	214
<i>Svetlana Sapelova and Borka Jerman-Blazič</i>	
Constructing Security: Reflections on the Margins of a Case Study of the Use of Electronic Identification in ICT Platforms in Schools .....	224
<i>Mariana S. Gustafsson</i>	
Mobile Devices to the Identity Rescue .....	237
<i>Gergely Alpár and Maarten H. Everts</i>	
Author Index .....	249