Contents

Keynote and Invited Papers

Big Data Prophylactics ...................................................... 3
Roger Clarke

Big Data Privacy and Anonymization ...................................... 15
Vicenç Torra and Guillermo Navarro-Arribas

Data Protection by Design and by Default à la European General Data Protection Regulation ............................................. 27
Marit Hansen

Evaluating Websites and Their Adherence to Data Protection Principles: Tools and Experiences: Contributions to IFIP Summer School Proceedings . . . 39
Amelina Andersdotter and Anders Jensen-Urstad

Privacy in the Human Brain Project: The Perspective of Ethics Management . . . 52
Bernd Carsten Stahl

Workshop Papers

Smart Cars Cruising on the Road Paved with Good Intentions? – Workshop on Big Data Applications and Individual Rights Under the New European General Data Protection Regulation ...................................................... 59
Felix Bieker, Barbara Büttner, and Murat Karaboga

Opportunities and Challenges of CREDENTIAL:
Towards a Metadata-Privacy Respecting Identity Provider ................... 76
Farzaneh Karegar, Christoph Striecks, Stephan Krenn, Felix Hörandner, Thomas Lorünser, and Simone Fischer-Hübner

The Role of Privacy in the Framework for Responsible Research and Innovation in ICT for Health, Demographic Change and Ageing ............. 92
Bernd Carsten Stahl and Emad Yaghmaei

Evidence-Based Methods for Privacy and Identity Management .......... 105
Kovila P.L. Coopamootoo and Thomas Groß
Selected Papers (Part I) - Legal Aspects and User Rights

Enforcing Data Protection Law – The Role of the Supervisory Authorities in Theory and Practice .......................................................... 125
   Felix Bieker

Not just User Control in the General Data Protection Regulation: On the Problems with Choice and Paternalism, and on the Point of Data Protection . . . 140
   Claudia Quelle

Visualizing Exports of Personal Data by Exercising the Right of Data Portability in the Data Track - Are People Ready for This? ............................ 164
   Farzaneh Karegar, Tobias Pulls, and Simone Fischer-Hübner

Cloud Computing Contracts: Regulatory Issues and Cloud Service Providers’ Offers: An Analysis ......................................................... 182
   Shyam S. Wagle

Selected Papers (Part II) - Privacy Technologies and Frameworks

Using Differential Privacy for the Internet of Things .......................... 201
   Carlos Rodrigo Gómez Rodríguez and Elena Gabriela Barrantes S.

Implicit Bias in Predictive Data Profiling Within Recruitments ............ 212
   Anders Persson

A Survey of Security Analysis in Federated Identity Management .......... 231
   Sean Simpson and Thomas Groß

Evaluating Users’ Affect States: Towards a Study on Privacy Concerns .... 248
   Uchechi Nwadike, Thomas Groß, and Kovila P.L. Coopamootoo

Privacy Salience: Taxonomies and Research Opportunities ................. 263
   Meredydd Williams, Jason R.C. Nurse, and Sadie Creese

Author Index ........................................................................... 279
Privacy and Identity Management. Facing up to Next Steps
11th IFIP WG 9.2, 9.5, 9.6/11.7, 11.4, 11.6/SIG 9.2.2
International Summer School, Karlstad, Sweden, August 21-26, 2016, Revised Selected Papers
2016, XII, 279 p. 31 illus., Hardcover
ISBN: 978-3-319-55782-3