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*IFIP is the global non-profit federation of societies of ICT professionals that aims at achieving a worldwide professional and socially responsible development and application of information and communication technologies.*

IFIP is a non-profit-making organization, run almost solely by 2500 volunteers. It operates through a number of technical committees and working groups, which organize events and publications. IFIP's events range from large international open conferences to working conferences and local seminars.

The flagship event is the IFIP World Computer Congress, at which both invited and contributed papers are presented. Contributed papers are rigorously refereed and the rejection rate is high.

As with the Congress, participation in the open conferences is open to all and papers may be invited or submitted. Again, submitted papers are stringently refereed.

The working conferences are structured differently. They are usually run by a working group and attendance is generally smaller and occasionally by invitation only. Their purpose is to create an atmosphere conducive to innovation and development. Refereeing is also rigorous and papers are subjected to extensive group discussion.

Publications arising from IFIP events vary. The papers presented at the IFIP World Computer Congress and at open conferences are published as conference proceedings, while the results of the working conferences are often published as collections of selected and edited papers.

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Eleni Kosta · Jo Pierson ·  
Daniel Slamanig · Simone Fischer-Hübner ·  
Stephan Krenn (Eds.)

# Privacy and Identity Management

Fairness, Accountability,  
and Transparency in the Age  
of Big Data

13th IFIP WG 9.2, 9.6/11.7, 11.6/SIG 9.2.2  
International Summer School  
Vienna, Austria, August 20–24, 2018  
Revised Selected Papers

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# Preface

This volume contains the proceedings of the 13th IFIP Summer School on Privacy and Identity Management – “Fairness, Accountability and Transparency in the Age of Big Data”—which took place during August 20–24, 2018, in Vienna, Austria.

The 2018 IFIP Summer School was a joint effort among IFIP Working Groups 9.2, 9.6/11.7, 11.6, Special Interest Group 9.2.2 in co-operation with the International Association for Cryptologic Research (IACR) and several European and national projects: the EU H2020 projects CREDENTIAL, PRISMACLOUD, LIGHTest, SECREDAS, VIRT-EU and the German Privacy Forum (Forum Privatheit). It was hosted and also supported by the Austrian Institute of Technology (AIT).

This IFIP Summer School brought together more than 50 junior and senior researchers and practitioners from different parts of the world from many disciplines, including many young entrants to the field. They came to share their ideas, build up a collegial relationship with others, gain experience in giving presentations, and have the opportunity to publish a paper through these proceedings.

One of the goals of the IFIP Summer School is to encourage the publication of thorough research papers by students and emerging scholars. To this end, it had a three-phase review process for submitted papers. In the first phase, authors were invited to submit short abstracts of their work. Abstracts within the scope of the call were selected for presentation at the school and the authors were encouraged to submit full papers of their work. All papers appeared in the unreviewed online pre-proceedings on the school’s website. After the school, the authors received two to three reviews by members of the Program Committee and were given time to revise and resubmit their papers for inclusion in these proceedings. In total, the school received 27 short paper submissions. Out of these submissions, ten were finally accepted, including the papers by Sascha van Schendel on “Risk Profiling by Law Enforcement Agencies in the Big Data Era: Is There a Need for Transparency?” and Yefim Shulman and Joachim Meyer on “Is Privacy Controllable?,” which were judged to be the summer school’s best student papers.

In addition to the submitted papers, this volume also includes reviewed papers summarizing the results of workshops and tutorials that were held at the summer school as well as papers contributed by several of the invited speakers.

We are grateful to all contributors of the summer school and especially to the Program Committee for reviewing the abstracts and papers, and advising the authors on their revisions. Our thanks too to all supporting projects, and especially to the AIT for their support of the activities of the school.

February 2019

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# Contents

## Keynotes and Invited Papers

- A Causal Bayesian Networks Viewpoint on Fairness . . . . . 3  
*Silvia Chiappa and William S. Isaac*
- Sharing Is Caring, a Boundary Object Approach to Mapping  
and Discussing Personal Data Processing . . . . . 21  
*Rob Heyman*

## Workshop and Tutorial Papers

- Who You Gonna Call When There's Something Wrong in Your  
Processing? Risk Assessment and Data Breach Notifications in Practice. . . . . 35  
*Susan Gonscherowski and Felix Bieker*
- Design and Security Assessment of Usable Multi-factor Authentication  
and Single Sign-On Solutions for Mobile Applications: A Workshop  
Experience Report. . . . . 51  
*Roberto Carbone, Silvio Ranise, and Giada Sciarretta*
- Towards Empowering the Human for Privacy Online . . . . . 67  
*Kovila P. L. Coopamootoo*
- Trust and Distrust: On Sense and Nonsense in Big Data . . . . . 81  
*Stefan Rass, Andreas Schorn, and Florian Skopik*
- GDPR Transparency Requirements and Data Privacy Vocabularies . . . . . 95  
*Eva Schlehahn and Rigo Wenning*
- Wider Research Applications of Dynamic Consent . . . . . 114  
*Arianna Schuler Scott, Michael Goldsmith, and Harriet Teare*

## Selected Papers

- Glycos: The Basis for a Peer-to-Peer, Private Online Social Network. . . . . 123  
*Ruben De Smet, Ann Dooms, An Braeken, and Jo Pierson*
- GDPR and the Concept of *Risk*: The Role of Risk, the Scope of Risk  
and the Technology Involved . . . . . 137  
*Katerina Demetizou*



Privacy Patterns for Pseudonymity ..... 155  
*Alexander Gabel and Ina Schiering*

Implementing GDPR in the Charity Sector: A Case Study ..... 173  
*Jane Henriksen-Bulmer, Shamal Faily, and Sheridan Jeary*

Me and My Robot - Sharing Information with a New Friend ..... 189  
*Tanja Heuer, Ina Schiering, and Reinhard Gerndt*

chownIoT: Enhancing IoT Privacy by Automated Handling  
of Ownership Change ..... 205  
*Md Sakib Nizam Khan, Samuel Marchal, Sonja Buchegger,  
and N. Asokan*

Is Privacy Controllable?..... 222  
*Yefim Shulman and Joachim Meyer*

Assessing Theories for Research on Personal Data Transparency..... 239  
*Anette Siebenkäs and Dirk Stelzer*

Data Protection by Design for Cross-Border Electronic Identification:  
Does the eIDAS Interoperability Framework Need to Be Modernised?..... 255  
*Niko Tsakalakis, Sophie Stalla-Bourdillon, and Kieron O'Hara*

Risk Profiling by Law Enforcement Agencies in the Big Data Era:  
Is There a Need for Transparency? ..... 275  
*Sascha van Schendel*

**Author Index** ..... 291