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IFIP was founded in 1960 under the auspices of UNESCO, following the first World Computer Congress held in Paris the previous year. A federation for societies working in information processing, IFIP's aim is two-fold: to support information processing in the countries of its members and to encourage technology transfer to developing nations. As its mission statement clearly states:

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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Marit Hansen · Eleni Kosta
Igor Nai-Fovino · Simone Fischer-Hübner (Eds.)

Privacy and Identity Management

The Smart Revolution

12th IFIP WG 9.2, 9.5, 9.6/11.7, 11.6/SIG 9.2.2
International Summer School
Ispra, Italy, September 4–8, 2017
Revised Selected Papers

Editors

Marit Hansen
Unabhängiges Landeszentrum für
Datenschutz (ULD)
Kiel
Germany

Eleni Kosta
Tilburg Institute for Law, Technology
and Society (TILT)
Tilburg University
Tilburg
The Netherlands

Igor Nai-Fovino
European Commission - Joint
Research Centre
Ispra
Italy

Simone Fischer-Hübner
Karlstad University
Karlstad
Sweden

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Preface

This volume contains the proceedings with selected papers presented at IFIP Summer School 2017 – “The Smart Revolution” – which took place September 4–8, 2017, in Ispra, Italy.

The 2017 Summer School was a joint effort among IFIP Working Groups 9.2, 9.5, 9.6/11.7, 11.6, Special Interest Group 9.2.2, and several European and national projects: The EU H2020 projects CREDENTIAL and PRISMACLOUD, The German project Privacy Forum (Forum Privatheit), and the EU H2020 Marie Curie ITN Privacy&Us. It was hosted and also generously supported by the Joint Research Center (JRC) of the EU Commission in Ispra.

This Summer School brought together more than 45 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 making presentations, and have the opportunity to publish a paper through these proceedings.

One of the school’s goals is to encourage the publication of thorough research papers by students and young researchers. To this end, the school 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 the Program Committee and were given time to revise and resubmit their papers for inclusion in these proceedings. In total, the school received 29 short paper submissions, from which finally 15 research papers were expanded and submitted in the last review round. Out of these submissions, 12 papers were finally accepted, including the paper by Silvia de Conca, which was judged to be the school’s best student paper.

In addition to the submitted papers, this volume also includes reviewed papers summarizing the results of the workshops and a tutorial 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 also to the Program Committee for reviewing the abstracts and papers and advising the authors on their revisions. Our thanks to all supporting projects, and especially to the JRC for their support of the school’s activities.

April 2018

Eleni Kosta
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