

### Privacy and Identity Management

Michael Friedewald, Stefan Schiffner, Stephan Krenn

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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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## Privacy and Identity Management

15th IFIP WG 9.2, 9.6/11.7, 11.6/SIG 9.2.2 International Summer School Maribor, Slovenia, September 21–23, 2020 Revised Selected Papers



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#### **Preface**

This volume contains the proceedings of the 15th IFIP Summer School on Privacy and Identity Management, which took place during September 21–23, 2020. Originally planned to be held in Brno, Czech Republic, the summer school had to be moved to Maribor, Slovenia, and was finally held as a fully virtual event, due to the COVID-19 pandemic. The summer school was co-located with IFIP Sec 2020 and WISE 13.

The 15th IFIP Summer School was a joint effort among IFIP Working Groups 9.2, 9.6/11.7, 11.6, and Special Interest Group 9.2.2, in co-operation with the European Union's cybersecurity competence network pilot projects CyberSec4Europe<sup>1</sup>, SPARTA<sup>2</sup> and CONCORDIA<sup>3</sup>.

This IFIP Summer School brought together more than 40 junior and senior researchers and practitioners from different parts of the world from many disciplines, including many young entrants to the field. They met to share their ideas, build a network, gain experience in presenting their research, and have the opportunity to publish a paper through these proceedings.

As in previous years, one of the goals of the IFIP Summer School was 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. After the school, authors were encouraged to submit full papers of their work and received two to three reviews by members of the Program Committee. They were then given time to revise and resubmit their papers for inclusion in these proceedings.

In total, 21 abstracts were submitted, out of which 17 were presented at the virtual conference, and 13 were finally accepted for publication. In addition, Marit Hansen (State Data Protection Commissioner of Land Schleswig-Holstein, Germany) gave a keynote lecture on "Privacy-Enhancing Technologies—where are we after 25 years?", and Sandra Schmitz and Stefan Schiffner (University of Luxembourg) gave a tutorial entitled "Don't Put the Cart Before the Horse – Effective Incident Handling Under GDPR and NIS Directive". A summary of the latter is also included in this volume.

We are grateful to all contributors of the summer school and especially to the Program Committee for reviewing the abstracts and papers as well as advising the

<sup>1</sup> https://www.cybersec4europe.eu/.

<sup>&</sup>lt;sup>2</sup> https://www.sparta.eu/.

<sup>&</sup>lt;sup>3</sup> https://www.concordia-h2020.eu/.

#### vi Preface

authors on their revisions. Our thanks also go to all supporting projects, the organizers of IFIP Sec, the Steering Committee for their guidance and support, and all participants and presenters.

January 2021

Michael Friedewald Stefan Schiffner Stephan Krenn

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#### **Contents**

Tutorial Paper	
Don't Put the Cart Before the Horse – Effective Incident Handling Under GDPR and NIS Directive	3
Sandra Schmitz-Berndt and Stefan Schiffner	
Selected Student Papers	
Ethical Principles for Designing Responsible Offensive Cyber	
Security Training	21
Longitudinal Collection and Analysis of Mobile Phone Data	
with Local Differential Privacy	40
Privacy-Preserving IDS for In-Vehicle Networks with Local	
Differential Privacy	58
Strong Customer Authentication in Online Payments Under GDPR	70
and PSD2: A Case of Cumulative Application	78
Privacy in Payment in the Age of Central Bank Digital Currency Frédéric Tronnier	96
Analysing Drivers' Preferences for Privacy Enhancing Car-to-Car	
Communication Systems: A Study from South-Africa Lejla Islami, Simone Fischer-Hübner, Eunice Naa Korkoi Hammond, and Jan Eloff	115
Learning Analytics and Privacy—Respecting Privacy in Digital	
Learning Scenarios	134
Preserving Privacy in Caller ID Applications	151

#### x Contents

the GDPR	169
Anne Steinbrück	
Open About the Open-Rate? State of Email Tracking in Marketing Emails and Its Effects on User's Privacy	187
Privacy Respecting Data Sharing and Communication in mHealth:  A Case Study	206
Privacy-Preserving Analytics for Data Markets Using MPC	226
Towards Models for Privacy Preservation in the Face of Metadata  Exploitation	247
Author Index	265