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Privacy and Identity Management

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► **To cite this version:**

Michael Friedewald, Stefan Schiffner, Stephan Krenn. Privacy and Identity Management. Springer International Publishing, AICT-619, 2021, IFIP Advances in Information and Communication Technology, 978-3-030-72464-1. 10.1007/978-3-030-72465-8 . hal-03703756

HAL Id: hal-03703756

<https://inria.hal.science/hal-03703756v1>

Submitted on 24 Jun 2022

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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.

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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.

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Michael Friedewald · Stefan Schiffner ·
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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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ISSN 1868-4238 ISSN 1868-422X (electronic)
IFIP Advances in Information and Communication Technology
ISBN 978-3-030-72464-1 ISBN 978-3-030-72465-8 (eBook)
<https://doi.org/10.1007/978-3-030-72465-8>

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The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

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 CyberSec4Europe¹, SPARTA² and CONCORDIA³.

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

¹ <https://www.cybersec4europe.eu/>.

² <https://www.sparta.eu/>.

³ <https://www.concordia-h2020.eu/>.

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

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