Communications in Computer and Information Science 1221

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Information Systems Security and Privacy

5th International Conference, ICISSP 2019
Prague, Czech Republic, February 23–25, 2019
Revised Selected Papers

Springer

Editors
Paolo Mori 🄿
IIT-CNR
Pisa, Italy

Steven Furnell
Plymouth University
Plymouth, UK

Olivier Camp
MODESTE/ESEO
Angers Cedex 2, France

Preface

The present book includes extended and revised versions of a set of selected papers from the 5th International Conference on Information Systems Security and Privacy (ICISSP 2019), held in Prague, Czech Republic, during February 23–25, 2019.

ICISSP aims at creating a meeting point for researchers and practitioners to address both technical and social issues of security and privacy challenges concerning information systems, especially in organizations. The conference welcomes papers of either practical or theoretical nature, presenting research or applications addressing all aspects of security and privacy, that concern organizations and individuals, thus creating new research opportunities.

ICISSP 2019 received 100 paper submissions from 32 countries, of which 18% were included in this book.

The papers were selected by the event chairs and their selection was based on a number of criteria that included the classifications and comments provided by the Program Committee members, the session chairs' assessment, and also the program chairs' global view of all papers included in the technical program. The authors of selected papers were then invited to submit a revised and extended version of their papers having at least 30% innovative material.

The papers selected for inclusion in this book address various topical research issues within the field of information security and privacy. These include a range of technical contributions, including new approaches for attack modeling and prevention, incident management and response, and user authentication and access control, as well as business and human-oriented aspects such as data protection and privacy and security awareness. The discussions also span a variety of application areas, including social networks, mobile devices, and the Internet of Things.

We would like to express our thanks to all the authors for their contributions and also to the reviewers who helped to ensure the quality of this publication.

February 2019

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Steven Furnell
Olivier Camp

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