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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. An umbrella organization for societies working in information processing, IFIP's aim is two-fold: to support information processing within its member countries and to encourage technology transfer to developing nations. As its mission statement clearly states,

IFIP's mission is to be the leading, truly international, apolitical organization which encourages and assists in the development, exploitation and application of information technology for the benefit of all people.

IFIP is a non-profitmaking organization, run almost solely by 2500 volunteers. It operates through a number of technical committees, which organize events and publications. IFIP's events range from an international congress to local seminars, but the most important are:

- The IFIP World Computer Congress, held every second year;
- Open conferences;
- Working conferences.

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 small and 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.

Any national society whose primary activity is about information processing may apply to become a full member of IFIP, although full membership is restricted to one society per country. Full members are entitled to vote at the annual General Assembly, National societies preferring a less committed involvement may apply for associate or corresponding membership. Associate members enjoy the same benefits as full members, but without voting rights. Corresponding members are not represented in IFIP bodies. Affiliated membership is open to non-national societies, and individual and honorary membership schemes are also offered.

Lech J. Janczewski Henry B. Wolfe
Sujeet Shenoj (Eds.)

Security and Privacy Protection in Information Processing Systems

28th IFIP TC 11 International Conference, SEC 2013
Auckland, New Zealand, July 8-10, 2013
Proceedings



Springer

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Preface

IFIP TC-11 Sec 2013, the 28th annual IFIP TC-11 Conference, was sponsored by the International Federation for Information Processing (IFIP), in cooperation with the University of Auckland Business School, the Institute of IT Professionals NZ (former New Zealand Computer Society), the US Office of Naval Research, International Business Machine Corporation, the New Zealand Security Information Forum, Insomnia, and many other business organizations. The conference was held in the beautiful city of Auckland.

The Program Committee, consisting of 70 members, considered 83 papers. These proceedings include the revised versions of the 31 papers presented at the conference. These papers were selected on the basis of originality, quality, and relevance to security and privacy. As a result, they should give a proper picture of how the field is evolving. Revisions were not checked and the authors bear full responsibility for the contents of their papers.

The selection of papers was a difficult and challenging task. Each submission was refereed usually by three reviewers. We wish to thank the Program Committee members, who did an excellent job. In addition, we gratefully acknowledge the help of a large number of colleagues who reviewed submissions in their areas of expertise. They are listed in the section following this Preface. We apologize for any inadvertent omission.

Many thanks to the creators of *EasyChair* without which the management of submissions for this conference would have been a nightmare. It would be difficult to imagine organizing and administering a conference without this valuable tool.

Formatting of the proceedings was done with the help of Vladimir Petranovic. The website was hosted at the University of Auckland School of Business, and a lot of work was done by Andrew Colarik, Romena Lim, and Wayne Gray. Thank you guys!

It is important for those of us involved with the administration of this conference to acknowledge and thank the US Office of Naval Research for, in addition to sponsoring the conference, specifically underwriting the substantial cost of this proceedings publication. Their contribution is much appreciated.

Finally, we wish to thank all the authors who submitted papers, for making this conference possible by creating the scientific material, and especially the authors of accepted papers. I would also like to thank the publisher, Springer-Verlag, for working within a tight schedule in order to produce these proceedings in due time.

July 2013

Lech Janczewski
Henry B. Wolfe
Sujeet Shenoi

Organization

IFIP TC-11 SEC 2013

8–10 July 2013, Auckland, New Zealand

Sponsored by the
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