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IFIP – The International Federation for Information Processing

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 less 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 in information 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.

Ian Wakeman Ehud Gudes
Christian Damsgaard Jensen
Jason Crampton (Eds.)

Trust Management V

5th IFIP WG 11.11
International Conference, IFIPTM 2011
Copenhagen, Denmark, June 29 – July 1, 2011
Proceedings

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Preface

This volume contains the proceedings of IFIPTM 2011, the 5th IFIP WG 11.11 International Conference on Trust Management, held in Copenhagen, Denmark, from June 29 to July 1, 2011.

IFIPTM 2011 provided a truly global platform for the reporting of research, development, policy, and practice in the interdependent areas of privacy, security, and trust. Building on the traditions inherited from the iTrust and IFIPTM conferences, IFIPTM 2011 was a multi-disciplinary conference focusing on areas such as: trust models, social and behavioral aspects of trust, trust in networks, mobile systems and cloud computation, privacy, reputation systems, and identity management.

IFIPTM 2011 was an open IFIP conference. The program of the conference featured both theoretical research papers and reports of real-world case studies from academia, business and government. IFIPTM 2011 received 42 submissions from 21 different countries, including: Canada, Denmark, Finland, France, Germany, India, Israel, Italy, Japan, Kuwait, Luxembourg, The Netherlands, Norway, Portugal, Saudi Arabia, Singapore, Slovenia, Switzerland, UK, United Arab Emirates, and USA. The Program Committee selected 14 full papers and 8 short papers for presentation and inclusion in the proceedings. We categorized submissions as full or short papers based on the opinions of the Program Committee. The full papers were unanimously deemed to be worthy of inclusion, while short papers were accepted if committee members believed them likely to excite debate and discussion.

In addition, the program and the proceedings include invited papers and extended abstracts by four academic experts in the fields of trust management, privacy and security: Toshio Yamagishi, Pamela Briggs, Dieter Gollmann and Angela Sasse. Professors Sasse and Gollman provided keynote addresses at the 2011 conference, while Professors Yamagishi and Briggs provided keynote addresses at the 2010 conference. Unfortunately, timing constraints prevented their inclusion in the 2010 proceedings.

In the IFIPTM 2011 conference, as well as in previous IFIPTM conferences, we had several accompanying workshops enabling the presentation of new ideas and allowing the early exposure of ongoing research, particularly from PhD students. We believe the deep and wide profiles produced by all of the events will solidify IFIPTM as an international, multidisciplinary trust conference.

Running an international conference requires an immense effort from all parties involved. We would like to thank the Program Committee members and external referees for having provided timely and in-depth reviews of the submitted papers.

We would also like to thank the Workshop, Tutorial, Poster and Demonstration, Publications, Local Organization, Registration, Publicity, Liaison and Website Chairs for having provided great help organizing the conference.

We hope you enjoy the proceedings and the conference.

June 2011

Ian Wakeman
Ehud Gudes
Christian Damsgaard Jensen
Jason Crampton

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