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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.

Christian Damsgaard Jensen · Stephen Marsh
Theo Dimitrakos · Yuko Murayama (Eds.)

Trust Management IX

9th IFIP WG 11.11
International Conference, IFIPTM 2015
Hamburg, Germany, May 26–28, 2015
Proceedings

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Preface

Dear Reader

Welcome to the IFIPTM 2015 Proceedings!

This volume contains the proceedings of the 9th IFIP Working Group 11.11 International Conference on Trust Management. The conference was held in Hamburg, Germany, May 26–28, 2015.

IFIPTM is a truly global conference, spanning research, development, policy, and practice for the increasingly important areas of trust management and computational trust. Given the breadth of application of these areas, and true to our historical underpinnings established at the first IFIPTM conference in 2007, IFIPTM 2015 focused on several areas, including trust and reputation and models thereof, the relationship between trust and security, socio-technical aspects of trust, reputation, and privacy, trust in the cloud, and behavioral models of trust.

The conference received 28 submissions from a wide variety of countries, including France, Germany, The Netherlands, UK, Algeria, Norway, Singapore, Greece, Denmark, China, Japan, Malaysia, Luxembourg, Romania, China, USA, Australia, and Canada. Every submission was subjected to a thorough peer review process, with at least three and most often four reviews per paper. Following these we accepted eight long and five short papers (an acceptance rate for long papers of 32%). In addition, since IFIPTM was colocated with the IFIP SEC conference, we solicited two papers from SEC that were more suitable for the Trust Management area, each of which was also reviewed by IFIPTM Program Committee members. The resulting program is broad and we hope stimulating for the attendees and yourself.

IFIPTM also hosts every year the William Winsborough Commemorative Address in memoriam of our esteemed colleague Prof. William Winsborough. The award is given to an individual who has significantly contributed to the areas of computational trust and trust management. In 2015, the Working Group was pleased to host Prof. Ehud Gudes of Ben-Gurion University of the Negev, who keynoted the conference and provided an extended abstract which can be found in these proceedings.

In addition to papers and keynote address, IFIPTM hosted a tutorial on identity and access management by Prof. Audun Jøsang of the University of Oslo, a special session on Data Protection, Privacy, and Transparency organized by Dr. Rehab Alnemr from HP Labs and Dr. Carmen Fernández-Gago from University of Málaga and keynoted by Marit Hansen, Deputy Chief of Unabhängiges Landeszentrum für Datenschutz, Germany. Finally, the conference hosted a special session on Trusted Cloud Ecosystems organized and chaired by Dr. Theo Dimitrakos of BT, from which papers and a message from Dr. Dimitrakos are included in these proceedings.

Conferences are multiheaded beasts, and as such require a team of dedicated people to tame them. To our Program Committee and associated reviewers, who delivered thoughtful, insightful and very much on time reviews, our thanks. This year we have been lucky to work with truly professional and helpful Workshop, tutorial, Poster and

Demonstration, Publicity, and Liaison Chairs. Since IFIPTM is colocated with IFIP SEC, the task of local organization and registration fell on the IFIP SEC team, notably Dr. Dominik Herrmann of the University of Hamburg, to whom, special thanks for putting up with our frailties. Thanks also to the University of Hamburg for providing the facilities.

No conference would succeed without authors. To all of those who submitted, our thanks and congratulations for being part of a growing, important, and vibrant research area. There are many, many conferences for which trust is listed as either a key or an associated area of interest, and we are keenly aware of the applicability of trust and trust management to a great many aspects of computer security, Human Computer Interaction, privacy, the social sciences, and beyond. We continue to try to build IFIPTM as a cross-disciplinary conference of choice, and appreciate your support.

For more information on the working group, please visit <http://www.ifiptm.org/>.

We hope you enjoy the conference and the proceedings.

March 2015

Stephen Marsh
Christian Damsgaard Jensen

Local Organization Chair

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