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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 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.

Kai Kimppa Diane Whitehouse
Tiina Kuusela Jackie Phahlamohlaka (Eds.)

ICT and Society

11th IFIP TC 9 International Conference
on Human Choice and Computers, HCC11 2014
Turku, Finland, July 30 – August 1, 2014
Proceedings

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Preface

This book contains the proceedings of the 11th International Human Choice and Computers (HCC11) conference, held in Turku, Finland, during July 30th to August 1st, 2014. The conference was organized by the International Federation for Information Processing (IFIP) Technical Committee 9 (TC9), Information and Communication Technology (ICT) and Society.

The proceedings have been subdivided into 4 sections: society, social responsibility, ethics and ICT; the history of computing and its meaning for the future; peace, war, cyber-security and ICT; and health, care, well-being and ICT. The papers selected for this book cover a variety of topics and range across the subject fields of the working groups of TC9. They are based on both academic research and the professional experience of information technologists working in the field.

It is the continued intention of the TC9 that academics, practitioners, governments and international organizations alike will benefit from the contributions to these proceedings. We hope that readers will gain new insights into the field from the publication, and will engage with us in the debate about innovative technologies in both this current Human Choice and Computers conference and future ones.

June 2014

Kai K. Kimppa
Diane Whitehouse
Tiina Kuusela
Jackie Phahlamohlaka

HCC11 – 2014

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