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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.

Anol Bhattacharjee Brian Fitzgerald (Eds.)

Shaping the Future of ICT Research

Methods and Approaches

IFIP WG 8.2 Working Conference
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Proceedings



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Preface

Since the founding of the International Federation for Information Processing (IFIP) in 1960 as a non-profit organization dedicated to advancing the research and practice of information and communication technologies (ICT), we have experienced seismic changes in ICT. Organizational computing architectures have shifted from mainframe computing to client-server to distributed to cloud computing. Information technology has spawned new business models based on electronic commerce and service-oriented architecture. Communities and nations are relying on ICT to leapfrog into the future, and as the recent events in the Middle-East demonstrate, online social media has provided a new voice to a world-wide movement toward democracy. These changes present ICT researchers with new research opportunities, while also challenging them to find innovative approaches to conduct rigorous ICT studies.

In the context of this changing world, what are the key research problems that we, as ICT researchers, should be studying, and how should we be studying such problems? This conference seeks to present research designs and programs that have the potential to shape the future of ICT research. We sought research papers that explored new directions in the design, use, and impacts of ICT in our organizational and social lives, papers that explored new or integrated methods for studying issues relevant to ICT research, and papers that could provoke a healthy debate on the conduct of future ICT research. In particular, we sought ICT research papers that transcended boundaries between theories, methods, approaches, and disciplines.

This conference continues the tradition of spirited ICT research inquiry that characterized previous IFIP 8.2 conferences in Manchester (1984), Copenhagen (1990), Philadelphia (1997), and Manchester (2004). We want participants to help in forming a vision and agenda for the future of relevant and rigorous ICT research methods and approaches for the next decade. Our goal is to broaden this discussion beyond the information systems community to include researchers from many ICT-related disciplines.

We are very pleased to acknowledge the help and support of several people in delivering this conference. Firstly, conference general chairs, Al Hevner and Michael Myers, were always available to offer advice and provide feedback. Organizing chairs, Rosann Webb Collins and Joni Jones, helped plan and manage the logistics in order to ensure a successful conference experience for all participants. We also thank Lorraine Morgan for coordinating the publication of the conference proceedings with Springer. The program committee also did a wonderful job of thoughtful and timely reviewing for which we are extremely grateful. This committee consists of Richard Baskerville, Tom Butler, Kevin Crowston, Liz Davidson, Shirley Gregor, Helena Holmstrom-Olsson, Netta Iivari, James Jiang, Jahangir Karimi, Annette Mills, Abhay Nath Mishra, Eric Monteiro, Benjamin

Müller, Briony Oates, Carl-Magnus Olsson, Balaji Padmanabhan, Johan Perols, Matti Rossi, Nancy Russo, Maha Shaikh, Jaeki Song, Arvind Tripathi, and Youngjin Yoo.

Finally, the success of a conference really depends on the support and commitment of its participants. We thank you for your support and participation and we look forward to a stimulating IFIP 8.2 conference.

October 2012

Anol Bhattacharjee
Brian Fitzgerald

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