
WIRELESS SENSOR AND ACTOR NETWORKS II

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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 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.

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Preface

The 2008 IFIP Conference on Wireless Sensors and Actor Networks (WSAN 08) is the second in a series of annual conferences which are dedicated to the development and application of Wireless and Actor Networks (WSAN). Initiated by the IFIP Working Group 6.8 Mobile and Wireless Communications, it was held last year at the Universidad de Castilla-La Mancha, Albacete, Spain. This year's conference was held at the School of Information Technology and Engineering of the University of Ottawa, Ottawa, Canada. The School, located in one of Canada's largest high-technology centres, also includes a large number of researchers, and many research laboratories specializing in related research areas. The conference received submissions from 15 different countries. After a rigorous evaluation process by the program committee members, assisted by external reviewers, a total of 23 papers were selected to be included in the program. The program was organized into the following themes: *Energy, Actors, Security, MACs, and Protocols*.

I am grateful to the program committee members and the external reviewers for their hard work and expertise in selecting the program. I would like to thank the Paper Award Committee members for their assistance in selecting the best regular and student papers. I would also like to thank the organizing committee: the Publicity Co-Chairs, Pedro M. Ruiz and Behzad Malek; the Local Arrangement Chair, Ilker Onat; the Submission Chair, Xu Li; and the Publication Chair, Terasan Niyomsataya.

I hope that WSAN 2008 has been a memorable conference and an enjoyable experience for all of its participants.

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