Personal Wireless Communications


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Preface

This book constitutes the refereed proceedings of the IFIP-TC6 Eighth International Conference on Personal Wireless Communications, PWC 2003. PWC 2003 is the flagship conference of the IFIP Working Group 6.8, *Mobile and Wireless Communications*, and is the premier international forum for discussions between researchers, practitioners, and students interested in the symbiosis of mobile computing and wireless networks.

It is a great pleasure to present the PWC 2003 technical program. This year the conference received 115 submissions from 27 countries indicating that PWC is a reference conference for worldwide researchers from the wireless and mobile community. With so many papers to choose from, the Technical Program Committee’s job, to provide a conference program of the highest technical quality, was challenging and time consuming. From the 115 submissions, we finally selected 34 full papers and 15 short papers for presentation in the conference technical sessions.

The conference technical program was split into three days, and included, in addition to the 49 refereed contributions, 4 invited papers from top-level researchers from the mobile and wireless community.

To give researchers the opportunity to present ongoing work, and the novel ideas they are starting to explore, we included in the technical program two work-in-progress sessions and two novel-ideas sessions. The technical program also included a poster session devoted to presenting ongoing research projects on wireless and mobile communications.

This event would not have been possible without the enthusiastic and hard work of a number of colleagues. First of all, I would like to thank the special tracks chairs – Silvia Giordano and Stephan Olariu – for their valuable contribution in organizing two special sessions on very hot topics in mobile and wireless research: *Sensor Networks* and *Security and Cooperation in Ad Hoc Networks*. A special thanks to the TPC members, and all the referees, for their invaluable help in reviewing the papers for PWC 2003. I would also like to thank all the authors that submitted their papers to this conference for their interest and time. Last but not least, I would like to thank Patrizia Andronico and Alessandro Urpi. Patrizia designed and managed the PWC 2003 web site, while Alessandro designed and implemented *Colibri*, the efficient system for the handling of the electronic submissions.

July 2003

Marco Conti
Message from the General Chairs

Personal Wireless Communications (PWC) is the flagship conference of the IFIP working group WG 6.8 (Wireless and Mobile Communications).

PWC 2003 was organized by IIT (Istituto di Informatica e Telematica) of the Italian National Research Council and by the Learning Services division of Telecom Italia.

The organization of such a complex event required a major effort and we wish to express our sincere appreciation to all the executive committee members for their excellent work.

We would like to express our special appreciation to the main conference technical program chair Marco Conti and to the special tracks chairs: Silvia Giordano and Stefan Olariu. The overall high quality of the conference technical sessions is the result of a complex evaluation process that they handled in an excellent way.

We are also indebted to our organizations, IIT-CNR and Telecom Italia Learning Services. IIT-CNR not only allowed Enrico Gregori and Marco Conti to dedicate considerable time to the organization of this event, but also financially supported the event. Telecom Italia provided not only relevant expertise but also an excellent conference center; the Telecom Italia Future Centre in Venice.

July 2003

Enrico Gregori
Fabrizio Davide

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