Welcome message from the General Chairs

It is our great pleasure to welcome you to the twelfth edition of the IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM 2011), taking place in the historical and charming city of Lucca, at the very heart of Tuscany, Italy, on June 20-23, 2011.

We are proud to announce a rich and well balanced program, in line with the well established reputation of WoWMoM as a friendly and interactive forum where researchers from both industry and academia can exchange results and visions shaping the future of wireless, mobile and multimedia communications. This year’s main conference is complemented by an industry track, including contributions from industry researchers and from professionals in the field, and; by a five one-day workshop series covering emerging research areas in the field of wireless, mobile and multimedia networks. The program also features two keynote speeches delivered by distinguished experts in the field, and a panel discussion. Finally, the program includes a PhD Forum, where doctoral students share work in progress and future research goals with their peers as well as more experienced colleagues, and one session dedicated to experimental demonstrations.

We wish to thank the following corporate and institutional patrons for their financial contribution to the organization of WoWMoM 2011: Huawei; the National Science Foundation; the European Office of Aerospace Research and Development, Air Force Office of Scientific Research, United States Air Force Research Laboratory; the Istituto di Informatica e Telematica, CNR; and the IEEE Computer Society Technical Committee on Computer Communications. We are also grateful to the IEEE, the IEEE Computer Society, and the University of Texas at Arlington, for sponsoring WoWMoM; and the IMT Institute for Advanced Studies Lucca, the University of Pisa, and the University of California at Los Angeles, for supporting the organization of the event.

The success of this symposium is due to the efforts of many volunteers who accepted to participate in the organizing committee of WoWMoM 2011. We are particularly indebted to the TPC Co-Chairs, Mainak Chatterjee and Andrea Passarella, along with the PC members and all the reviewers, whose invaluable work resulted in an excellent collection of papers. Special thanks to Albert Banchs and Luciano Bononi, who set up a wonderful mix of workshops to complement the main program, and to Marc Brogle and Xavier Pérez-Costa, for their hard work in handling the industry-track. We also appreciate the important efforts of Silvia Giordano and Mohan Kumar, who organized the PhD Forum; Falko Dressler and Dario Maggiorini, who selected the contributions presented in the demo session; and Giorgio Ventre, who organized and chaired the panel. We are also sincerely thankful to all the people who worked behind the scenes: Yonghe Liu, who managed the financial issues in his usual professional manner; Marco Di Felice e Daniele Puccinelli, who coordinated the publication process; Adriana Lazzaroni, who was in charge of local arrangements; and, finally, our Publicity Co-Chairs Habib M. Ammari, Daniele Migliorini, June-Koo Kevin Rhee, and Nirmalya Roy; and our Web Chair, Carlo Vallati.

We are truly grateful to the WoWMoM Steering Committee, and in particular to Marco Conti and Sajal K. Das, for inviting us to organize this year’s symposium, and also for the continuous support, encouragement and advice they provided throughout the entire process.
Last, but not least, we wish to thank all the authors, who honoured WoWMoM 2011 by contributing their best research work: we sincerely hope that you’ll enjoy the program and are looking forward to meet them personally in Lucca.

**Mario Gerla**  
WoWMoM 2011 General Co-Chair  
University of California at Los Angeles, CA, USA

**Enzo Mingozzi**  
WoWMoM 2011 General Co-Chair  
University of Pisa, Italy