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Preface

It is a great pleasure to present the proceedings of the 10th IFIP/IEEE International Conference on Management of Multimedia and Mobile Networks and Services (MMNS 2007).

The MMNS 2007 Conference was held in San Jose, California, USA during October 31 – November 2 as part of the 3rd International Week on Management of Networks and Services (Manweek 2007). As in the previous three years, the Manweek umbrella allowed an international audience of researchers and scientists from industry and academia – who are researching and developing management systems – to share views and ideas and present their state-of-the-art results.

The other events co-located with Manweek 2007 were the 18th IFIP/IEEE International Workshop on Distributed Systems: Operations and Management (DSOM 2007), the 7th IEEE Workshop on IP Operations and Management (IPOM2007), the 2nd IEEE International Workshop on Modeling Autonomic Communications Environments (MACE 2007), and the 1st IEEE/IFIP International Workshop on End-to-End Virtualization and Grid Management (EVGM 2007).

Under this umbrella, MMNS proved itself again as a top public venue for results dissemination and intellectual collaboration with specific emphasis on multimedia and mobility aspects of end-to-end services. These aspects of management are becoming a major challenge in the ability to deliver cost effective end-to-end multimedia-based services in the upcoming 4G wireless systems.

Contributions from the research community have met this challenge with 46 paper submissions from four continents, out of which 14 full high-quality papers and 4 short papers, presenting innovative work in progress, were subsequently selected to form the MMNS 2007 technical program. The diverse topics in this year’s program include services and user experience, management aspects of wireless and cellular networks, monitoring and control, resource management, and multicast and IPTV management – all contributing to the management of real-time mobile multimedia services, as expressed in this year’s motto.

The high-quality MMNS 2007 program is a delicate concoction based on the accepted papers of the original and novel contributions of all the authors who submitted their work to the conference, purified by the hard work of the MMNS 2007 Technical Program Committee members and the rigorous review process accomplished by this set of worldwide experts, cooked with the great help of the 2007 Manweek Organizing Committee, and spiced with the generous contribution of IFIP, IEEE and the sponsor companies, all of whom are gratefully thanked by the conference Technical Program Committee Chairs. In addition, we thank the Springer LNCS team for their support of these proceedings.
We have no doubt that the MMNS 2007 conference in the heart of Silicon Valley was another significant step towards the ability to develop, manage and control truly scalable end-to-end multimedia-based services over next-generation wireless networks.

October 2007

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