

Preface

Mobile and Wireless Communications Networks 2000 (MWCN 2000) was the second conference in its series aimed at stimulating technical exchange in the emerging and important field of Mobile and Wireless Communications Networks. The first conference took place at Sorbonne University, Paris, France May 12–15, 1997.

Integration of fixed and portable wireless access technologies and their mobility features into current fixed and mobile IP and ATM networks presents a cost effective and efficient way to provide seamless end-to-end connectivity and ubiquitous access in a market where demands on wireless networks have grown rapidly and which is predicted to generate billions of dollars in revenue. The deployment of broadband cell-based technologies including demand for internet mobility and their integration with emerging broadband wireless access networks (BWANs) are becoming increasingly important. Mobility and connection management, location management, connection establishment, quality of service provisioning, inter-working of wire-lines with wireless networks for voice, video, image, and data were some of the areas of focus in wireless networking of this conference. In the last few years with the development of digital technologies, satellites have emerged in the forefront of multimedia delivery techniques. From using current digital broadcast systems for web access to developing sophisticated platforms for integrated services, satellite networking is now a well-established solution for the broadband needs of the new millennium. This workshop was intended to provide a timely forum for exploratory research and practical contributions from North America, Europe, The Middle East, and The Far East. It helped designers to identify the theoretical and actual problems that face today's complex problems associated with mobile and wireless communications links and networks. This conference was sponsored by IFIP TC6, European Union, and Réseau National de la Recherche en Telecommunications (RNRT), in co-operation with ACM SIGMOBILE, the IEEE ComSoc Technical Committee on Communications System Integration and Modeling and took place at the Cité des Sciences, La Villette, Paris, France May 16–17, 2000.

March 2000

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