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Nota di contenuto	Multimedia Services -- Antennas -- Transmission Technologies and Wireless Networks -- Communication Theory (I) -- Communication Theory (II) -- Communication Theory (III) -- Telecommunication Pricing and Billing -- Network Performance and Telecommunication Services -- Active Networks and Mobile Agents -- Optical Photonic Technologies (I) -- Optical Photonic Technologies (II) -- Optical Networks (I) -- Ad Hoc Networks (I) -- Ad Hoc Networks (II) -- Ad Hoc Networks (III) -- Ad Hoc Networks (IV) -- Signal Processing (I) -- Signal Processing (II) -- Signal

Processing (III) -- Signal Processing (IV) -- Network Performance and MPLS -- Traffic Engineering (I) -- Traffic Engineering (II) and Internet (I) -- SIP, QoS (I), and Switches -- Optical Networks (II) -- Optical Networks (III) and Network Operation and Management (I) -- Network Operation and Management (II) -- Network Management Theory and Telecommunications Networks -- Mobility and BroadbandWireless -- Cellular System Evolution (I) -- Cellular System Evolution (II) -- Personal Communication, Terrestrial Radio Systems, and Satellites -- Mobility Management -- Multimedia Information, Network Reliability, EMC in Communications, and Multicast -- Image Processing, ATM, and Web Services -- Communication, Security, and QoS (II) -- Switching and Routing -- Next Generation Systems (I) -- Next Generation Systems (II) and Traffic Management (I) -- Traffic Management (II) -- Wireless Access (I) -- Wireless LANs (II) -- Wireless LANs (III) and Network Planning and Optimization -- Internet (II).

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## Sommario/riassunto

Welcome to the 11th International Conference on Telecommunications (ICT2004) hosted by the city of Fortaleza (Brazil). As with other ICT events in the past, this professional meeting continues to be highly competitive and very well perceived by the international networking community, attracting excellent contributions and active participation. This year, a total of 430 papers from 36 countries were submitted, from which 188 were accepted. Each paper was reviewed by several members of the ICT2004 Technical Program Committee. We were very pleased to receive a large percentage of top-quality contributions. The topics of submitted papers covered a wide spectrum from photonic techniques, signal processing, cellular networks, and wireless networks, to ad hoc networks. We believe the ICT2004 papers offer a wider range of solutions to key problems in telecommunications, and describe challenging avenues for industrial research and development. In addition to the conference regular sessions, seven tutorials and a workshop were organized. The tutorials focused on special topics dealing with next-generation networks. The workshop focused on particular problems and solutions in heavily distributed and shareable environments. We would like to thank the ICT 2004 Technical Program Committee members and referees. Without their support, the creation of such a broad conference program would not be possible. We also thank all the authors who made a particular effort to contribute to ICT2004. We truly believe that due to all these efforts the final conference program consisted of top-quality contributions. We are also indebted to many individuals and organizations that made this conference possible. In particular, we would like to thank the members of the ICT2004 Organizing Committee for their help in all aspects of the organization of this professional meeting.

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