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Note generali	Papers presented at the 9th International Symposium on Personal, Indoor, and Mobile Radio Communications, held Sept. 5-8, 1998, in Boston, Mass.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Overview of Evolving 3G Technologies -- Ensuring the Success of Third Generation -- Third Generation Wireless Communication Technologies -- Perspectives on 3G System Development -- An Unified, Open Architecture to Deliver Mobile Multimedia -- UMTS/IMT-2000 Standardisation -- Topics in Wireless Multimedia Networks -- Intelligent and Flexible Radio Access/Transmission Technologies for Wireless Multimedia Communication Systems in the Software Defined Radio Era -- Current Topics in Wireless & Mobile ATM Networks: QoS Control, IP Support and Legacy Integration -- Providing Internet Services to Mobile Phones -- Design, Implementation, and Performance of a Cluster Mobile Switching Center -- Challenges of Higher Speed Wireless Internet Access -- Energy Efficient Protocols for Wireless Systems -- Guaranteed Quality-of-Services Wireless Access to Broadband Networks -- Integrated Circuit Technologies for Wireless

Communications -- Amplifier Linearization -- Wireless Channel Models-Coping with Complexity -- A New Framework for Power Control in Wireless Data Networks: Games, Utility, and Pricing -- A Unified Approach to Performance Evaluation of Diversity systems on Fading Channels -- mMFSK Frequency Hopping Modulation for Wireless Ad Hoc Networks.

Sommario/riassunto

This book is a collection of invited papers that were presented at the Ninth IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, September 5-8, 1998, Boston, MA. These papers are meant to provide a global view of the emerging third-generation wireless networks in the wake of the third millennium. Following the tradition of the PIMRC conferences, the papers are selected to strike a balance between the diverse interests of academia and industry by addressing issues of interest to the designers, manufacturers, and service providers involved in the wireless networking industry. The tradition of publishing a collection of the invited papers presented at the PIMRC started in PIMRC'97, Helsinki, Finland. There are two benefits to this tradition (1) it provides a shorter version of the proceedings of the conference that is more focused on a specific theme (2) the papers are comprehensive and are subject of a more careful review process to improve the contents as well as the presentation of the material, making it more appealing for archival as a reference book. The production costs of the book is subsidized by the conference and the editors have donated the royalty income of the book to the conference.
