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	Autore	Fragonard, Jean H.
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Space-Time Routing in Ad Hoc Networks -- SAFAR: An Adaptive Bandwidth-Efficient Routing Protocol for Mobile Ad Hoc Networks -- Evaluation of the AODV and DSR Routing Protocols Using the MERIT Tool -- On-demand Routing in MANETs: The Impact of a Realistic Physical Layer Model -- Architecture and Algorithms for Real-Time Mobility Management in Mobile IP Networks -- Proactive QoS Routing in Ad Hoc Networks -- Delivering Messages in Disconnected Mobile Ad Hoc Networks -- Extending Seamless IP Multicast Edge-Coverage through Mobile Ad Hoc Access Networks -- A Uniform Continuum Model for Scaling of Ad Hoc Networks -- Probabilistic Protocols for Node Discovery in Ad Hoc Multi-channel Broadcast Networks -- Towards Adaptive WLAN Frequency Management Using Intelligent Agents -- Analyzing Split Channel Medium Access Control Schemes with ALOHA Reservation -- Preventing Replay Attacks for Secure Routing in Ad Hoc Networks -- Resisting Malicious Packet Dropping in Wireless Ad Hoc Networks -- A New Framework for Building Secure Collaborative Systems in True Ad Hoc Network -- Computing 2-Hop Neighborhoods in Ad Hoc Wireless Networks -- Topology Control Problems under Symmetric and Asymmetric Power Thresholds -- IDEA: An Iterative-Deepening Algorithm for Energy-Efficient Querying in Ad Hoc Sensor Networks -- On the Interaction of Bandwidth Constraints and Energy Efficiency in All-Wireless Networks -- Automated Meter Reading and SCADA Application for Wireless Sensor Network -- Range Assignment for High Connectivity in Wireless Ad Hoc Networks -- Steiner Systems for Topology-Transparent Access Control in MANETs -- Complexity of Connected Components in Evolving Graphs and the Computation of Multicast Trees in Dynamic Networks -- Mobile Agents for Clustering and Routing in Mobile Ad Hoc Networks -- Routing Update in Ad Hoc Networks -- Inter-vehicle Geocast Protocol Supporting Non-equipped GPS Vehicles -- Cartesian Ad Hoc Routing Protocols.
Sommario/riassunto	<p>AdHoc Networks are wireless, self-organizing systems formed by co-operating nodes, within communication range of each other which form temporary n- works. Their topology is dynamic, decentralized, and ever-changing, and the nodes may move around arbitrarily. The last few years have witnessed a wealth of research ideas on AdHoc networks which are moving rapidly into implemented standards. Mobile computing, particularly wireless-enabled mobile computing, covers a large area of applications in mobile computing environments, networking, c- munication devices and systems. This conference exposes experimental as well as theoretical research in adhoc, mobile and wireless networks. The range of topics covered includes management of power consumption, architectures and protocols, quality of service, and security. The aim of the conference was to provide a unique opportunity for researchers and students in industry and academia to participate at an annual forum and share their research results and experiences. This conference followed the ?rst successful conference (held at the Fields - stitute in Toronto during September 20-21 of last year), and was held at the Holiday Inn, Midtown in Montreal during October 8-10, 2003. It was co-</p>

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