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Soggetti	Computer communication systems Special purpose computers Application software Management information systems Computer science Computers Algorithms Computer Communication Networks Special Purpose and Application-Based Systems Information Systems Applications (incl. Internet) Management of Computing and Information Systems Computation by Abstract Devices Algorithm Analysis and Problem Complexity
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Paper 1 -- An End-User-Responsive Sensor Network Architecture for Hazardous Weather Detection, Prediction and Response -- Session 1: Service Architecture -- On Scalability of DHT-DNS Hybrid Naming System -- A Topology-Aware Overlay Multicast Approach for Mobile Ad-Hoc Networks -- Next Generation Network Service Architecture in the IP Multimedia Subsystem -- Invited Paper 1 -- Live E! Project: Sensing the Earth -- Session 2: Multicast -- Performance

Analysis and Comparison Between Multicast and Unicast over Infrastructure Wireless LAN -- NAT-PT with Multicast -- Keynote Paper 2 -- Network Processing Hardware -- Session 3: Performance in WLAN -- Channel Status Aware Proportional Fair Scheduling Algorithm for IEEE 802.15.3 WPAN -- Application Performance Assessment on Wireless Ad Hoc Networks -- Proactive Resilience to Dropping Nodes in Mobile Ad Hoc Networks -- Session 4: Routing -- A New Hybrid Traffic Engineering Routing Algorithm for Bandwidth Guaranteed Traffic -- Determining the Cause and Frequency of Routing Instability with Anycast -- Invited Paper 3 -- Modeling Mobility with Behavioral Rules: The Case of Incident and Emergency Situations -- Session 5: Multihoming in Mobile Networks -- Node Density Effects on Reactive Routing Protocols for Mobile Ad Hoc Wireless Networks -- Building Fault Tolerant Networks Using a Multihomed Mobile Router: A Case Study -- Invited Paper 4 -- MANET and NEMO Converged Communication.

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