

<<Wired/Wireless Inter>>

图书基本信息

书名：<<Wired/Wireless Internet Communications有线/无线因特网通信/会议录>>

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内容概要

This book constitutes the refereed proceedings of the Second International Conference on Wired/Wireless Internet Communications, WWIC 2004, held in Frankfurt/Oder, Germany, in February 2004. The 26 revised full papers presented were carefully reviewed and selected from around 60 submissions. The papers are organized in topical sections on protocol engineering and energy efficiency in wireless networks; mobility management and mobile devices; transport layer and congestion control; architecture, implementation, and experimentation; network and protocol modeling; wireless network scheduling and analysis; multimedia distribution and group communication; and service discovery.

书籍目录

Session 1: Protocol Engineering and Energy Efficiency in Wireless Networks Distributed MAC Protocol to Improve Energy and Channel Efficiency in MANET CGGC: Cached Greedy Geocast Design of Energy Efficient Wireless Networks Using Dynamic Data Type Refinement Methodology Context-Aware Group Communication in Mobile Ad-Hoc Networks

Session 2: Mobility Management and Mobile Devices An Empirical Wi-Fi Based Location Mechanism for Urban Search Rescue Operations Mobility-Aware Rendezvous Point for Mobile Multicast Sources An Address Configuration and Confirmation Scheme for Seamless Mobility Support in IPv6 Network

Session 3: Transport Layer and Congestion Control TCP Optimization through FEC, ARQ, and Transmission Power Tradeoffs Sliding Mode Congestion Control in Differentiated Service Communication Networks Application of Robust Fuzzy Adaptive Second-Order Sliding-Mode Control to Active Queue Management Graceful Degradation of Transport Layer in Mobile Internet

Session 4: Architecture, Implementation, and Experimentation Implementing Ad Hoc to Terrestrial Network Gateways Connecting Wireless Sensor networks with TCP/IP Networks . Experimental Analysis of Heterogeneous Wireless Networks

Session 5: Network and Protocol Modeling High-Level Behavioral SDL Model for the IEEE 802.15.3 MAC Protocol Performance of Phase Modulated Systems Using Fully Saturated Power Amplifiers On Connectivity in Ad Hoc Networks under Jamming Using Directional Antennas and Mobility The Ad Hoc On-Demand Distance Vector Protocol: An Analytical Model of the Route Acquisition Process

Session 6: Wireless Network Scheduling and Analysis A Scheduling Algorithm for a QoS Based Satellite Network A Power-Allocation-Combined Scheduling Algorithm for CDMA-Based High-Rate Packet Data Systems Analyzing the Performance of Data Users in Packet Switched Wireless Systems with Prioritized Voice Traffic

Session 7: Multimedia Distribution and Group Communication Adaptive Multimedia Streaming for Heterogeneous Networks

Session 8: Service Discovery

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