

1. Record Nr.	UNISA996465934603316
Titolo	Wired/Wireless Internet Communications [[electronic resource]] : 4th International Conference, WWIC 2006, Bern, Switzerland, May 10-12, 2006, Proceedings / / edited by Thomas Braun, Georg Carle, Sonia Fahmy, Yevgeni Koucheryavy
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-34024-6
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XIV, 354 p.)
Collana	Computer Communication Networks and Telecommunications ; ; 3970
Disciplina	004.67/8
Soggetti	Computer science Computer communication systems Application software Software engineering Operating systems (Computers) Personal computers Popular Computer Science Computer Communication Networks Information Systems Applications (incl. Internet) Software Engineering Operating Systems Personal Computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Session 1: Mobile Ad-Hoc Networks -- Simulating Mobile Ad-Hoc Networks in City Scenarios -- Context Discovery Using Attenuated Bloom Filters in Ad-Hoc Networks -- A Cluster-Label-Based Mechanism for Backbones on Mobile Ad Hoc Networks -- Session 2: TCP -- Comprehensive Analytical Models to Evaluate the TCP Performance in 802.11 WLANs -- A Blind Method Towards Performance Improvement of High Performance TCP with Random Losses -- Evaluating TCP Mechanisms for Real-Time Streaming over Satellite

Links -- New TCP Congestion Control Algorithm Based on Bandwidth Measurement for Seamless Vertical Handoffs in Heterogeneous Mobile Networks -- Session 3: Mobility -- On the Potential of Heterogeneous Networks -- Optimal Placement of Anchor Points Within Large Telecommunication Networks -- Robust Application-Level Multicast Tree Construction for Wireless/Mobile Hosts -- Enhanced Fast Handover Mechanism Using MIH Services in MIPv6 -- Session 4: Signalling, Charging, and Security -- NSIS-Based Quality of Service and Resource Allocation in Ethernet Networks -- State of the Art Prepaid Charging for IP Services -- Efficient Protection of Mobile Devices by Cross Layer Interaction of Firewall Approaches -- Scalability of Name Resolution for Ambient Networks -- Session 5: UMTS and OFDM -- Urban Cellular Planning Optimisation of Multi-service Enhanced UMTS Based in Economic Issues -- Traffic Modeling and Characterization for UTRAN -- On the Optimal Allocation of Downlink Resources in OFDM-Based Wireless Networks -- Scheme for Joint Optimization of MAP Overhead and System Throughput in Message Based MIMO-OFDM Systems -- Session 6: Voice and Video over Wireless Networks -- A Novel IEEE 802.11e-Based QoS Protocol for Voice Communications over WLANs -- A Live Harmonic Broadcasting Scheme for VBR-Encoded Hot Videos -- A Novel Design and Analysis of Cross-Layer Error-Control for H.264 Video over Wireless LAN -- Session 7: Wireless Networks -- WLAN Service Coverage Based on PixelFlow Predictions -- State Description of Wireless Channels Using Change-Point Statistical Tests -- Statistical QoS Assurances for High Speed Wireless Communication Systems -- Dynamic Indoor Localization Using Wireless Ethernet: The ARIADNE System -- Session 8: Power Saving and Sensor Networks -- Simulation and Evaluation of Unsynchronized Power Saving Mechanisms in Wireless Ad Hoc Networks -- Traffic Load and Lifetime Deviation Based Power-Aware Routing Protocol for Wireless Ad Hoc Networks -- An Energy-Efficient Location Error Handling Technique for Mobile Object Tracking in Wireless Sensor Networks.

Sommario/riassunto

Welcome to the proceedings of the 4th International Conference on Wired/ Wireless Internet Communications held at the University of Bern from May 10–12, 2006. As in 2005, WWIC was selected as the official conference by COST Action 290, and Springer accepted to publish the conference proceedings in the LNCS series. These facts have helped to again attract a large number of high-quality paper submissions. We received 142 submissions out of which 29 papers were selected by the International Program Committee for presentation at the conference. This resulted in a low acceptance rate of 21%. To limit the load on individual Program Committee members, we increased the Technical Program Committee size to 63 members. An additional 60 reviewers supported the review process. We would like to thank all TPC members and reviewers for their careful reviews, Microsoft Research for providing the online conference management toolkit, and TNO Delft for hosting the physical TPC meeting. The selected papers are organized into eight sessions on the following topics: – Wireless Networks – UMTS and OFDM – Mobile Ad-Hoc Networks – Power Saving and Sensor Networks – Voice and Video Over Wireless Networks – Mobility – TCP – Signalling, Charging, and Security The selected presentations and invited talks from distinguished international speakers formed an extremely exciting program. We hope that all attendees enjoyed both the scientific and social program as well as the city and the surroundings of Bern, the capital of Switzerland.