

1. Record Nr.	UNISA996465719503316
Titolo	Wired/Wireless Internet Communications [[electronic resource]] : Third International Conference, WWIC 2005, Xanthi, Greece, May 11-13, 2005, Proceedings / / edited by Torsten Braun, Georg Carle, Yevgeni Koucheryavy, Vassilis Tsaooussidis
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XIV, 370 p.)
Collana	Computer Communication Networks and Telecommunications ; ; 3510
Classificazione	54.32
Disciplina	004.67/8
Soggetti	Computer communication systems Software engineering Operating systems (Computers) Application software Personal computers Electrical engineering Computer Communication Networks Software Engineering Operating Systems Information Systems Applications (incl. Internet) Personal Computing Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"3rd International Conference on Wired/Wireless Internet Communications"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Session 1: Mobility Management -- Impact of Link State Changes and Inaccurate Link State Information on Mobility Support and Resource Reservations -- Comparison of Signaling and Packet Forwarding Overhead for HMIP and MIFA -- Profile System for Management of Mobility Context Information for Access Network Selection and Transport Service Provision in 4G Networks -- Replic8: Location-Aware Data Replication for High Availability in Ubiquitous Environments -- Session 2: Transport Protocols and Congestion Control -- Refined

PFTK-Model of TCP Reno Throughput in the Presence of Correlated Losses -- Examining TCP Parallelization Related Methods for Various Packet Losses -- The Interaction Between Window Adjustment Strategies and Queue Management Schemes -- A Novel TCP Congestion Control (TCP-CC) Algorithm for Future Internet Applications and Services -- Performance Evaluation of ?-AIMD over Wireless Asynchronous Networks -- Session 3: QoS and Routing -- Rate Allocation and Buffer Management for Proportional Service Differentiation in Location-Aided Ad Hoc Networks -- Multiservice Communications over TDMA/TDD Wireless LANs -- Interference-Based Routing in Multi-hop Wireless Infrastructures -- Session 4: Quality of Service -- A Probabilistic Transmission Slot Selection Scheme for MC-CDMA Systems Using QoS History and Delay Bound -- Evaluation of QoS Provisioning Capabilities of IEEE 802.11E Wireless LANs -- Content-Aware Packet-Level Interleaving Method for Video Transmission over Wireless Networks -- A Performance Model for Admission Control in IEEE 802.16 -- Session 5: Wireless Multi-hop Networks and Cellular Networks -- Comparison of Incentive-Based Cooperation Strategies for Hybrid Networks -- Analysis of Decentralized Resource and Service Discovery Mechanisms in Wireless Multi-hop Networks -- Location Assisted Fast Vertical Handover for UMTS/WLAN Overlay Networks -- Session 6: Traffic Characterization and Modeling -- A Methodology for Implementing a Stress Workload Generator for the GTP-U Plane -- Traffic Characteristics Based Performance Analysis Model for Efficient Random Access in OFDMA-PHY System -- Collision Reduction Random Access Using m-Ary Split Algorithm in Wireless Access Network -- Simple, Accurate and Computationally Efficient Wireless Channel Modeling Algorithm -- Session 7: Ad hoc Networks -- Efficient Multicast Trees with Local Knowledge on Wireless Ad Hoc Networks -- Limiting Control Overheads Based on Link Stability for Improved Performance in Mobile Ad Hoc Networks -- Performance Analysis of Secure Multipath Routing Protocols for Mobile Ad Hoc Networks -- Session 8: IEEE 802.11 and Other Wireless MAC Protocols -- Lecture Notes in Computer Science: Packet Error Rate Analysis of IEEE 802.15.4 Under IEEE 802.11b Interference -- On the Service Differentiation Capabilities of EY-NPMA and 802.11 DCF -- Mitigating Interference Between IEEE 802.16 Systems Operating in License-Exempt Mode -- ECN Marking for Congestion Control in Multihop Wireless Networks -- Session 9: Energy Efficiency and Resource Optimization -- Providing Delay Guarantees and Power Saving in IEEE 802.11e Network -- Measuring Transport Protocol Potential for Energy Efficiency -- STC-Based Cooperative Relaying System with Adaptive Power Allocation -- Reducing Memory Fragmentation with Performance-Optimized Dynamic Memory Allocators in Network Applications.

Sommario/riassunto

Welcome to the 3rd International Conference on Wired/Wireless Internet Communications (WWIC). After a successful start in Las Vegas and a selective conference in Germany, this year's WWIC demonstrated the event's maturity. The conference was supported by several sponsors, both international and local, and became the official venue for COST Action 290. That said, WWIC has now been established as a top-quality conference to promote research on the convergence of wired and wireless networks. This year we received 117 submissions, which allowed us to organize an - citing program with excellent research results, but required more effort from the 54 members of the international Program Committee and the 51 additional reviewers. For each of the 117 submitted papers we asked three independent - viewers to provide their evaluation. Based on an online ballot phase and

a TPC meeting organized in Colmar (France), we selected 34 high-quality papers for presentation at the conference. Thus, the acceptance rate for this year was 29%.
