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	Nota di contenuto	Transport Layer Issues -- TCP Contention Control: A Cross Layer Approach to Improve TCP Performance in Multihop Ad Hoc Networks -- Providing Relative Service Differentiation to TCP Flows over Split-TCP Geostationary Bandwidth on Demand Satellite Networks -- An Analytical Comparison of the Slow-but-Steady and Impatient Variants of TCP New Reno -- SCTP Performance Issue on Path Delay Differential -- Handover and QoS -- Handover for Seamless Stream Media in Mobile IPv6 Network -- A Secure Handover Protocol Design in Wireless Networks with Formal Verification -- Seamless Handover for Multi-user Sessions with QoS and Connectivity Support -- QoS and Authentication Experiences in a Residential Environment Within a Broadband Access Framework -- QoS and Traffic Engineering -- Security and Service Quality Analysis for Cluster-Based Wireless Sensor Networks -- Admission Control for Inter-domain Real-Time Traffic Originating from Differentiated Services Stub Domains -- Fault Tolerant Scalable Support for Network Portability and Traffic Engineering -- Class-Based OSPF Traffic Engineering Inspired on Evolutionary Computation -- Audio/Video over IP -- An Experimental Investigation of the

Congestion Control Used by Skype VoIP -- A Quality Adaptation Scheme for Internet Video Streams -- Performance Analysis of VoIP over HSDPA in a Multi-cell Environment -- Feasibility of Supporting Real-Time Traffic in DiffServ Architecture -- IEEE 802.11 WLANs -- Multi-rate Relaying for Performance Improvement in IEEE 802.11 WLANs -- Performance Analysis of IEEE 802.11b Under Multiple IEEE 802.15.4 Interferences -- Characterization of Service Times Burstiness of IEEE 802.11 DCF -- ID-Based Multiple Space Key Pre-distribution Scheme for Wireless Sensor Networks -- Sensor Networks and Location-Aware Systems -- Distributed Event Localization and Tracking with Wireless Sensors -- Cross-Layer Distributed Diversity for Heterogeneous Wireless Networks -- Location-Aware Signaling Protocol for WWAN and WLAN Interworking -- Performance Evaluation of Non-persistent CSMA as Anti-collision Protocol for Active RFID Tags -- Protocols for Ad Hoc and Mesh Networks -- Multicast Overlay Spanning Tree Protocol for Ad Hoc Networks -- Detection of Packet Forwarding Misbehavior in Mobile Ad-Hoc Networks -- Reliable Geographical Multicast Routing in Vehicular Ad-Hoc Networks -- A Flexible Tree-Based Routing Protocol with a Mesh Relaying Node in Multi-hop Wireless Mesh Networks -- Efficient Spectrum Use -- An Interference-Robust Transmission Method for OFDMA Uplink -- An Efficient Heterogeneous Wireless Access Based on Region and Time Partitioning in D-TDD OFDM Systems -- Cognitive Radio Based Bandwidth Sharing Among Heterogeneous OFDM Access Systems -- CDMA Power Control Using Channel Prediction in Mobile Fading Channels.

Sommario/riassunto	WWIC 2007 was organized by the University of Coimbra, Portugal, and it was the fifth event of a series of International Conferences on Wired/Wireless Internet Communications, addressing research topics such as the design and evaluation of protocols, the dynamics of the integration, the performance trade-offs, the need for new performance metrics, and cross-layer interactions. Previous events were held in Berne (Switzerland) in 2006, Xanthi (Greece) in 2005, Frankfurt (Germany) in 2004, and Las Vegas (USA) in 2002. As in 2005 and 2006, WWIC was selected as the official conference by COST Action 290 (Wi-QoST–Traffic and QoS Management in Wireless Multimedia Networks). WWIC 2007 brought together active and proficient members of the networking community, from both academia and industry, thus contributing to scientific, strategic, and practical advances in the broad and fast-evolving field of wired/wireless Internet communications. The WWIC 2007 call for papers attracted 257 submissions from 36 different countries in Asia, Australia, Europe, North America, and South America. These were subject to thorough review work by the Program Committee members and additional reviewers. The selection process was finalized in a Technical Program Committee meeting held in Malaga, Spain, on February 15, 2007.