

1. Record Nr.	UNINA9910484839203321
Titolo	The internet of the future : 15th open European Summer School and IFIP TC6.6 Workshop, EUNICE 2009, Barcelona, Spain, September 7-9, 2009. proceedings / / Miquel Oliver, Sebastia Sallent (eds.)
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer-Verlag, 2009
ISBN	3-642-03700-3
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XVII, 227 p.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 5733
Classificazione	DAT 252f DAT 614f SS 4800
Altri autori (Persone)	OliverMiquel SallentSebastia
Disciplina	004.678
Soggetti	Internet Internet programming
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	Technical Session 1: Traffic Engineering for the Internet -- Quantifying the Uncertainty in Measurements for MBAC -- Ring Flushing for Reduced Overload in Spanning Tree Protocol Controlled Ethernet Networks -- A Distributed Exact Solution to Compute Inter-domain Multi-constrained Paths -- Technical Session 2: P2P and Multimedia -- Classification of P2P and HTTP Using Specific Protocol Characteristics -- Network Awareness in P2P-TV Applications -- Enhancing Progressive Encryption for Scalable Video Streams -- Technical Session 3: Advanced Applications for Next Generation Networks -- Characterizing User Groups in Online Social Networks -- Route Prediction on Tracking Data to Location-Based Services -- Context Aware Programmable Trackers for the Next Generation Internet -- Technical Session 4: Future Internet Architectures and Models -- The Metalist Model: A Simple and Extensible Information Model for the Future Internet -- On Designing for Tussle: Future Internet in Retrospect -- NIT: A New Internet Topology Generator -- Technical Session 5: Pervasive Wireless Networks and Protocols -- Resource Allocation in MIMO-OFDMA Wireless Systems Based on Linearly

Precoded Orthogonal Space-Time Block Codes -- On the Influence of Packet Scheduling on the Trade-Off between System Spectral Efficiency and User Fairness in OFDMA-Based Networks -- RSSI-Based Forwarding for Multihop Wireless Sensor Networks -- Technical Session 6: Innovative Algorithms for Network-Related Problems -- A Pipelined IP Address Lookup Module for 100 Gbps Line Rates and beyond -- Comparative Study of Multicast Protection Algorithms Using Shared Links in 100GET Transport Network -- Implementation and Evaluation of the Enhanced Header Compression (IPHC) for 6LoWPAN -- Technical Session 7: Disruptive Technologies for Future Services -- Primary Transmitter Discovery Based on Image Processing in Cognitive Radio -- A Flexible Framework for Complete Session Mobility and Its Implementation -- A Model-Driven Approach for Telecommunications Network Services Definition -- Technical Session 8: Traffic Analysis -- Detecting Spam at the Network Level -- Consistency Analysis of Network Traffic Repositories.

Sommario/riassunto

This volume presents carefully revised texts of selected lectures given at the 15th EUNICE Open European Summer School and the proceedings of the conjoint IFIP TC6.6 Workshop on Dependable and Adaptable Networks and Services, EUNICE 2009, held at Barcelona, Spain, in September 2009. The 23 revised full papers together with 11 posters presented were carefully reviewed and selected from 60 submissions. The papers are organized in topical sections on traffic engineering for the internet, P2P and multimedia, advanced applications for next generation networks, future internet architectures and models, pervasive wireless networks and protocols, innovative algorithms for network-related problems, disruptive technologies for future services and traffic analysis.
