

Table of Contents – Part II

Peer-to-Peer

UDP NAT and Firewall Puncturing in the Wild	1
<i>Gertjan Halkes and Johan Pouwelse</i>	
Enhancing Peer-to-Peer Traffic Locality through Selective Tracker Blocking	13
<i>Haiyang Wang, Feng Wang, and Jiangchuan Liu</i>	
Defending against Sybil Nodes in BitTorrent	25
<i>Jung Ki So and Douglas S. Reeves</i>	
Traffic Localization for DHT-Based BitTorrent Networks	40
<i>Matteo Varvello and Moritz Steiner</i>	

Pricing

BGP and Inter-AS Economic Relationships	54
<i>Enrico Gregori, Alessandro Improta, Luciano Lenzini, Lorenzo Rossi, and Luca Sani</i>	
Network Non-neutrality Debate: An Economic Analysis	68
<i>Eitan Altman, Arnaud Legout, and Yuedong Xu</i>	
Strategyproof Mechanisms for Content Delivery via Layered Multicast	82
<i>Ajay Gopinathan and Zongpeng Li</i>	
A Flexible Auction Model for Virtual Private Networks	97
<i>Kamil Koltys, Krzysztof Pieńkosz, and Eugeniusz Toczyłowski</i>	

Resource Allocation

Collaboration between ISPs for Efficient Overlay Traffic Management ...	109
<i>Eleni Agiatzidou and George D. Stamoulis</i>	
Optimal Joint Call Admission Control with Vertical Handoff on Heterogeneous Networks	121
<i>Diego Pacheco-Paramo, Vicent Pla, Vicente Casares-Giner, and Jorge Martinez-Bauset</i>	

Balancing by PREFLEX: Congestion Aware Traffic Engineering 135
João Taveira Araújo, Richard Clegg, Imad Grandi, Miguel Rio, and George Pavlou

EFD: An Efficient Low-Overhead Scheduler 150
Jinbang Chen, Martin Heusse, and Guillaume Urvoy-Keller

Resource Allocation Radio

Flexible Dynamic Spectrum Allocation in Cognitive Radio Networks
 Based on Game-Theoretical Mechanism Design 164
José R. Vidal, Vicent Pla, Luis Guijarro, and Jorge Martinez-Bauset

Channel Assignment and Access Protocols for Spectrum-Agile Networks
 with Single-Transceiver Radios 178
Haythem Bany Salameh and Marwan Krunz

The Problem of Sensing Unused Cellular Spectrum 198
Daniel Willkomm, Sridhar Machiraju, Jean Bolot, and Adam Wolisz

Adaptive Transmission of Variable-Bit-Rate Video Streams to Mobile
 Devices 213
Farid Molazem Tabrizi, Joseph Peters, and Mohamed Hefeeda

Resource Allocation Wireless

Multiscale Fairness and Its Application to Resource Allocation in
 Wireless Networks 225
Eitan Altman, Konstantin Avrachenkov, and Sreenath Ramanath

Fast-Converging Scheduling and Routing Algorithms for WiMAX Mesh
 Networks 238
Salim Nahle and Naceur Malouch

OFDMA Downlink Burst Allocation Mechanism for IEEE 802.16e
 Networks 250
Juan I. del-Castillo, Francisco M. Delicado, and Jose M. Villalón

Adaptive On-The-Go Scheduling for End-to-End Delay Control in
 TDMA-Based Wireless Mesh Networks 263
Yung-Cheng Tu, Meng Chang Chen, and Yeali S. Sun

Social Networks

SMS: Collaborative Streaming in Mobile Social Networks 275
Chenguang Kong, Chuan Wu, and Victor O.K. Li

Assessing the Effects of a Soft Cut-Off in the Twitter Social Network ...	288
<i>Saptarshi Ghosh, Ajitesh Srivastava, and Niloy Ganguly</i>	
Characterising Aggregate Inter-contact Times in Heterogeneous Opportunistic Networks	301
<i>Andrea Passarella and Marco Conti</i>	
Are Friends Overrated? A Study for the Social Aggregator Digg.com ...	314
<i>Christian Doerr, Siyu Tang, Norbert Blenn, and Piet Van Mieghem</i>	
TCP	
Revisiting TCP Congestion Control Using Delay Gradients	328
<i>David A. Hayes and Grenville Armitage</i>	
NF-TCP: A Network Friendly TCP Variant for Background Delay-Insensitive Applications	342
<i>Mayutan Arumaithurai, Xiaoming Fu, and K.K. Ramakrishnan</i>	
Impact of Queueing Delay Estimation Error on Equilibrium and Its Stability	356
<i>Corentin Briat, Emre A. Yavuz, and Gunnar Karlsson</i>	
On the Uplink Performance of TCP in Multi-rate 802.11 WLANs	368
<i>Naeem Khademi, Michael Welzl, and Renato Lo Cigno</i>	
Author Index	379