## **Table of Contents**

Mean Waiting Time of an End-user in the Multiple Web Access Environment  Yong-Jin Lee	1
Management Driven Multicast Protocol with End-to-End QoS Radu Iorga, Eugen Borcoci, and Radu Dinel Miruta	5
On How to Provision Quality of Service (QoS) for Large Dataset Transfers  Zhenzhen Yan, Malathi Veeraraghavan, Chris Tracy, and Chin Guok	13
Novel Rate-Jitter Control Algorithms Modeling and Analysis  Madhu Babu Sikha and Manivasakan Rathinam	22
Coherent Pre-Distortion of Low-Frequency PLC Carriers  Stan McClellan, Michael Casey, and Matthias Chung	29
Performance of Turbo Coded 64-QAM with Joint Source Channel Decoding, Adaptive Scaling and Prioritised Constellation Mapping  Tulsi Pawan Fowdur, Yogesh Beeharry, and K.M. Sunjiv Soyjaudah	35
A Vehicle Ad-Hoc Network for Traffic Information System  Jaehong Ryu, Byeongcheol Choi, Dongwon Kim, and Mihee Yoon	42
Highlights on a Multiobjective Routing Method for Multiservice MPLS Networks with Traffic Splitting Rita Girao-Silva, Jose Craveirinha, Joao Climaco, and Maria Eugenia Captivo	47
Partial Co-channel based Overlap Resource Power Control for Interference Mitigation in an LTE-Advanced Network with Device-to-Device Communication Sok Chhorn, Tae-sum Kim, Mustafa Habibu Mohsini, Seung-Yeon Kim, and Choong-ho Cho	52
The MAP in LC Decoding of MTR Codes in Two-Track Magnetic Recording Systems  Nikola Djuric and Vojin Senk	58
Evaluation Study of Self-Stabilizing Cluster-Head Election Criteria in WSNs  Mandicou Ba, Olivier Flauzac, Rafik Makhloufi, Florent Nolot, and Ibrahima Niang	64
SOA Model for High Availability of Services  Tayyaba Anees and Heimo Zeilinger	70