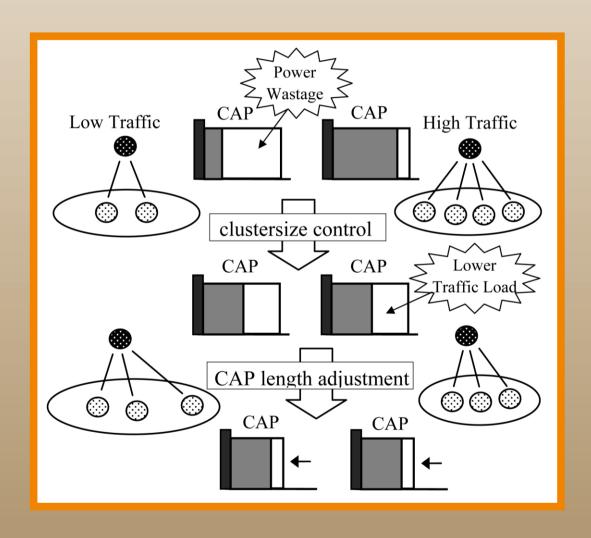


International Journal of Communications, Network and System Sciences





JOURNAL EDITORIAL BOARD

ISSN 1913-3715 (Print) ISSN 1913-3723 (Online) http://www.scirp.org/journal/ijcns/

Editor-in-Chief

Prof. Boris S. Verkhovsky New Jersey Institute of Technology, USA

Editorial Advisory Board

Prof. Staraj K. Sahni University of Florida, USA

Prof. Innokentiv V. Semushin Ulyanovsk State University, Russia Prof. Lotfi A. Zedeh University of California, Berkeley, USA

Editorial Board

Prof. Zahir Tari

National Research University, Russia Prof. Andranik S. Akopov

Prof. Sabri Arik Istanbul University, Turkey

Prof. Satya N. Atluri University of California, Irvine, USA

Prof. Jalel Ben-Othman University of Paris, France Ecole Centrale de Nantes, France Prof. Alain Bernard

Prof. Ko Chi Chung National University of Singapore, Singapore

Prof. Daniel B. da Costa Federal University of Ceará, Brazil Dr. Franca Delmastro National Research Council, Italy Prof. Sasa Diviak Ljubljana University, Slovenia Prof. Md. B. El-Mashade Al-Azhar University, Egypt

Prof. Kurt J. Engemann Iona College, USA

Prof. Morteza Esmaeili Isfahan University of Technology, Iran Prof. David J. Farber Carnegie Mellon University, USA

Prof. George Ghinea Brunel University, UK Prof. Richard Tabor Greene Keio University, Japan

Simon Fraser University, Canada Prof. William A. Gruver

Prof. Ehud Gudes Ben-Gurion University of the Negev, Israel

Prof. H. Barry Harrison Griffith University, Australia Dr. Zhiyi Huang University of Otago, New Zealand

University POLITEHNICA of Bucharest, Romania Prof. Anca Daniela Ionita

Prof. Hiroaki Ishii Kwansei Gakuin University, Japan

PayPal, USA Dr. Markus Jakobsson

Carleton University, Canada Dr. Chris Joslin Dr. Dimitri Kanevsky IBM T. J. Watson Research Center, USA Silesian University, Czech Republic Prof. Jozef Kelemen

Prof. Alexander M. Korsunsky Oxford University, UK

Prof. Felipe Lara-Rosano National Autonomous University of Mexico, Mexico

Prof. Shahram Latifi University of Nevada, Las Vegas, USA Dr. Nicola Mastronardi National Research Council, Italy

Prof. Jaime Lloret Mauri Polytechnic University of Valencia, Spain

Prof. Lyudmila Mihaylova Lancaster University, UK

Prof. Yuriy S. Polyakov New Jersey Institute of Technology, USA Prof. Jianbin Oiu Harbin Institute of Technology, China Dr. Kosai Raoof Joseph Fourier University, France

Prof. Gerhard Ritter University of Florida, USA Dr. Ashok N. Rudrapatna Bell Labs, Alcatel-Lucent, USA University of Florida, USA Prof. Sartaj K. Sahni Prof. Abdul Sattar Griffith University, Australia Prof. Innokentiy V. Semushin Ulyanovsk State University, Russia

Prof. Alexander Shananin Moscow Institute of Physics and Technology, Russia

Prof. Yurii I. Shokin Russian Academy of Sciences, Russia Prof. Sergei Silvestrov Mälardalen University, Sweden

Dr. Maolin Tang Queensland University of Technology, Australia

RMIT University, Australia Prof. Christoph Thuemmler Edinburgh Napier University, UK Dr. Hrishikesh Venkataraman Dublin City University, Ireland

Prof. Lotfi Zadeh University of California, Berkeley, USA



TABLE OF CONTENTS

Volume 6	Number 2	February 2013
Faster Metho	od for Secure Transmission of Information with Sender Identification	
B. Verkhovsl	sky	77
A New Appro	oach for Wireless Cellular Network Design	
Hamed Sagh	haei, Hamideh Saghaei, M. Darvishi	82
Efficient Spa	nm Filtering System Based on Smart Cooperative Subjective and Objective M	ethods
S. A. E. Moh	hamed	88
	Priority Based Routing Technique That Maximizes the Lifetime and Coveragnsor Networks	ge of
I. Salah, M.	A. Alshriedeh, S. Al-Sharaeh.	100
	ributed Clustering Scheme for Cluster-Based WSNs with Various in Traffic Fluctuations	
R. Mizitani,	K. Mori, K. Naito, H. Kobayashi.	109

The figure on the front cover is from the article published in Int. J. Communications, Network and System Sciences, 2013, Vol. 6, No. 2, pp. 109-118 by Ryuta Mizitani, *et al.*

Copyright © 2013 SciRes.

International Journal of Communications, Network and System Sciences (IJCNS)

Journal Information

SUBSCRIPTIONS

The *International Journal of Communications*, *Network and System Sciences* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright@2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: ijcns@scirp.org

Call for Papers



International Journal of Communications, Network and System Sciences (IJCNS)

ISSN 1913-3715 (Print) ISSN 1913-3723 (Online) http://www.scirp.org/journal/ijcns

IJCNS is an international refereed journal dedicated to the latest advancement of communications and network technologies. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas.

Editor-in-Chief

Prof. Boris S. Verkhovsky

New Jersey Institute of Technology, USA

Subject Coverage

This journal invites original research and review papers that address the following issues in wireless communications and networks. Topics of interest include, but are not limited to:

Ad Hoc and Mesh Networks	Network Protocol, QoS and Congestion Control	
Coding, Detection and Modulation	Network Survivability	
Cognitive Radio	Next Generation Network Architectures	
Communication Networks Architecture Design	Reconfigurable Networks	
Communication Reliability and Privacy	Resource Management	
Communication Security and Information Assurance	Satellite Communication	
Cooperative Communications	Sensor Networks	
Embedded Distributed Systems	Simulation and Optimization Tools	
Global Networks	UWB Technologies	
Heterogeneous Networking	Wave Propagation and Antenna Design	
MIMO and OFDM Technologies	Wireless Personal Communications	

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the IJCNS.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

http://www.scirp.org/journal/ijcns

E-Mail: ijcns@scirp.org