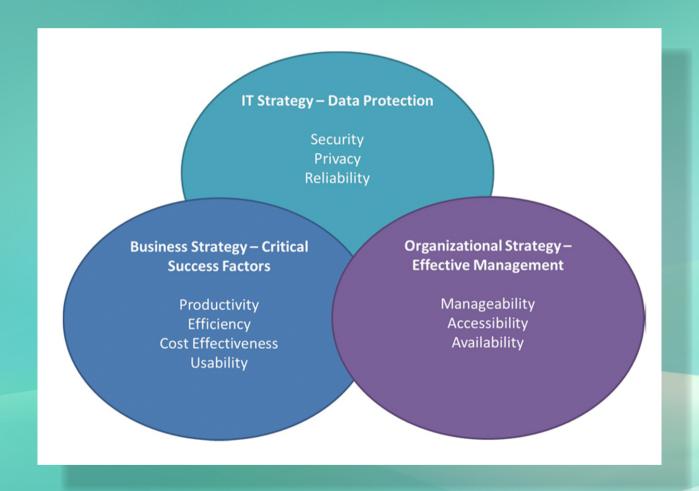


Communications and Network





Journal Editorial Board

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

.....

Editor-in-Chief

Prof. Bharat Bhargava Purdue University, USA

Editorial Board

Prof. Ai Chen Chinese Academy of Sciences, China

Prof. Xiaochun Cheng Middlesex University, UK

Prof. Yoon-Ho Choi Samsung Electronics Co. Ltd., South Korea

Prof. Nagy Ibrahim Elakalashy Minoufiya University, Egypt

Prof. Abdullah Eroglu Indiana University-Purdue University Fort Wayne, USA

Dr. Jordán Pascual Espada University of Oviedo, Spain

Prof. Xiaopeng Fan Harbin Institute of Technology (HIT), China

Prof. Cunqing Hua Shanghai Jiao Tong University, China

Dr. Winai Jaikla King Mongkut's Institute of Technology Ladkrabang, Thailand

Prof. Shanshan JiangBroadcom Corporation, USAProf. Xiaohong JiangTohoku University, Japan

Prof. Rami Langar University of Pierre and Marie Curie, France

Prof. Yu LiuQualcomm Incorporated, USAProf. Hussein MouftahUniversity of Ottawa, Canada

Prof. Ruy de OliveiraInstitute of Technology of MT, BrazilProf. Lu PengLouisiana State University, USA

Prof. Eng. Sattar B. Sadkhan Babylon University, Iraq

Dr. Karan SinghGautam Buddha University, IndiaProf. Xiaojun WangDublin City University, IrelandProf. Jonathan WellonsVanderbilt University, USA

Dr. Gang Yao University of Illinois at Urbana Champaign, USA

Prof. Hsiang-Fu YuNational Taipei University of Education, Chinese Taipei

Prof. Francesco Zirilli Sapienza Universita di Roma, Italy



Table of Contents

Volume 6	Number 3	August 2014
Stochastic Mo	odeling and Power Control of Time-Varying Wire	eless Communication Networks
M. M. Olama	a, S. M. Djouadi, C. D. Charalambous	155
Adaptive Dist	ributed Inter Frame Space for IEEE 802.11 MAC	Protocol
J. AL-Sarairel	h, S. Saraireh, M. Saraireh, M. B. Younis	165
Implementati	ion and Evaluation of Transport Layer Protocol E	Executing Error Correction (ECP)
T. Matsuzaw	va, K. Shimazu	175
Implications of	of SSO Solutions on Cloud Applications	
M. Watfa, S.	Khan, A. Radmehr	186
Job Schedulin	ng for Cloud Computing Using Neural Networks	

M. Maqableh, H. Karajeh, Ra'ed (Moh'd Taisir) Masa'deh.....191

Communications and Network (CN)

Journal Information

SUBSCRIPTIONS

The *Communications and Network* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$89 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 AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2014 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2014 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

DISCLAIMER OF LIABILITY

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 assume 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: cn@scirp.org

for Papers



Communications and Network

ISSN 1949-2421 (print) ISSN 1947-3826 (online) http://www.scirp.org/journal/cn

CN, an international journal, dedicates 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.

All manuscripts submitted to CN must be previously unpublished and may not be considered for publication elsewhere at any time during CN's review period. Additionally, accepted ones will immediately appear online followed by printed in hard copy. The topics to be covered by Communications and Network include, but are not limited to:

- ◆ Algorithms and Programs
- ◆ Applications and Value-Added Services
- ◆ Cognitive Radio
- Communication Protocols
- ◆ Complexity
- Computer and Network Security
- Cooperative Communications
- ◆ Data and Information Security
- ◆ Error Correcting Codes
- ◆ Fading/Equalization
- ◆ Green Technology
- ◆ Hardware and Software System Architecture
- ◆ High Performance Computing, Grid Computing, ◆ Source Coding/Data Compression **Cloud Computing**
- ◆ Internet/Intranet Protocols
- ◆ Internet/Intranet Services
- Location Based Services
- ◆ Mobile and Portable Communications Systems
- ◆ Mobile Computing Systems

- ◆ Mobility Networks and Protocols
- ◆ Modulation/Signal Design
- ◆ Multi Antenna/User Systems
- ◆ Multimedia Services in Wireless Networks
- ◆ Network Protocol, QoS and Congestion Control
- Operations and Management
- ◆ Optical Communications
- ◆ Overlay and Peer-to-Peer Networks
- ◆ Self-Stabilization, Autonomic Computing
- ◆ Shared and Transactional Memory, Synchronization Protocols, Concurrent Programming
- ◆ Simulation/Analytical Evaluation of Communication Systems
- Switching and Routing

E-Mail: cn@scirp.org

- ◆ Synchronization
- ◆ Traffic Diagnosis
- ◆ Transmission and Access Systems
- ◆ Wired and Wireless Integration
- ◆ Wireless Network Design and Performance Evaluation

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 CN.

Website and E-Mail

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