

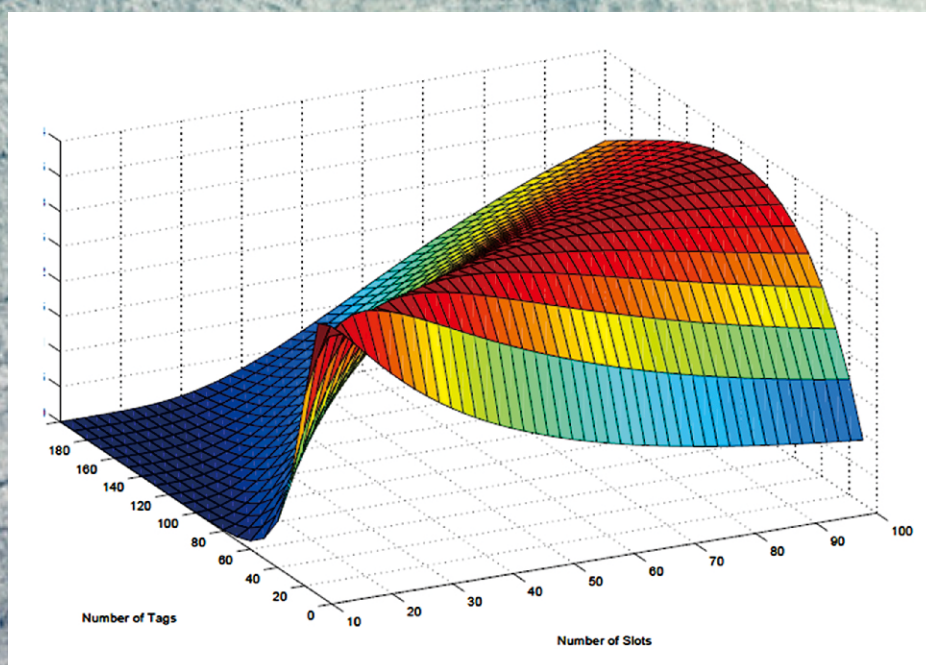
ISSN: 2327-5219

Vol.2, No. 1, January 2014



Scientific
Research

Journal of Computer and Communications



ISSN: 2327-5219



www.scirp.org/journal/jcc

Journal Editorial Board

ISSN: 2327-5219 (Print) ISSN: 2327-5227 (Online)

<http://www.scirp.org/journal/jcc>

Editor-in-Chief

Prof. Vicente Milanés

University of California Berkeley, USA

Editorial Board

Dr. Orlando Ayala

Old Dominion University, USA

Dr. Melanie Brady

University of Southern California, USA

Dr. Fei Chen

Member of Technical Staff, BloomReach Inc., USA

Dr. Zhengzhang Chen

Northwestern University, USA

Prof. Gregory Grigoropoulos

National Technical University of Athens, Greece

Prof. William Edward Hammond

Duke Health Technology Solutions, USA

Dr. Fei Huang

Microsoft, USA

Dr. Dariusz Jacek Jakóbczak

Technical University of Koszalin, Poland

Dr. Candidate. Sunny J. Kim

Cornell University, USA

Dr. Khalid Latif

University of Turku, Finland

Prof. Zengchang Qin

Beihang University (Beijing University of Aeronautics
and Astronautics), China

Dr. R. Sharma

Indian Institute of Technology Madras, India

Prof. John A. Springer

Purdue University, USA

Dr. Fengrong Wei

University of West Georgia, USA

Dr. Wei Yu

Towson University, USA

TABLE OF CONTENTS

Volume 2 Number 1

January 2014

A New Approach to Disk Scheduling Using Fuzzy Logic

P. Hooda, S. Raheja.....1

A System for Managing Oceanographic Metadata Using XML and XQuery

E. Partescano, A. Brosich, A. Giorgetti.....6

Performance Analysis of RFID Framed Slotted Aloha Anti-Collision Protocol

E. Felemban.....13

Application of Association Rule Mining Theory in Sina Weibo

X. Cui, H. Shi, X. Yi.....19

Learning Dynamics of the Complex-Valued Neural Network in the Neighborhood of Singular Points

T. Nitta.....27

The figure on the front cover is from the article published in *Journal of Computer and Communications*, 2014, Vol. 2, No. 1, pp. 13-18 by Emad Felemban.

Journal of Computer and Communications (JCC)

Journal Information

SUBSCRIPTIONS

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

Subscription rates:

Print: \$39 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©2014 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: jcc@scirp.org



Journal of Computer and Communications

ISSN: 2327-5219 (Print) ISSN: 2327-5227 (Online)

<http://www.scirp.org/journal/jcc>

Journal of Communications and Computers is an international journal dedicated to the latest advancement of communications and computers. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of computer and communications. All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy.

Subject Coverage

The journal publishes original papers including but not limited to the following subfields of anthropology:

- Applications of Communication Systems
- Artificial Intelligence
- Big Data Search and Mining
- Cloud Computing
- Communication Protocols
- Complex Network Models
- Computational Robotics
- Computer and Network Security
- Computer Graphics and Visualization
- Computer Vision
- Cooperative Communications
- Distributed Computing
- Green Networking
- Grid Computing
- High Performance Computing
- Image Processing
- Information and Communication Theory and Algorithms
- Information and Communication: Security, Privacy, and Trust
- Information Retrieval
- Mobile and Portable Communications Systems
- Mobile and Ubiquitous Networks
- Mobile Computing Systems
- Multimedia/Signal Processing
- Network Modeling and Simulation
- Numerical Methods
- Online Social Network Computing
- Optical Communications
- Self-Stabilization, Autonomic Computing
- Simulation/Analytical Evaluation of Communication Systems

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Website and E-Mail

<http://www.scirp.org/journal/jcc>

E-mail: jcc@scirp.org