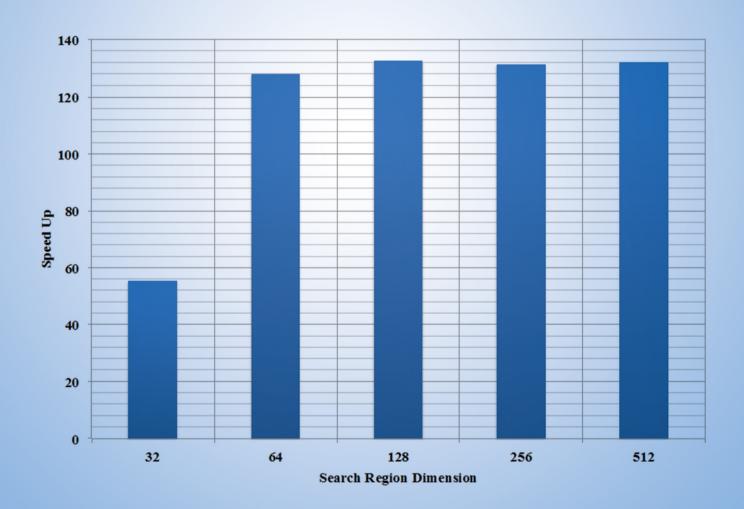




Journal of Computer and Communications





Journal Editorial Board

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

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

Editor-in-Chief

Prof. Vicente Milanés INRIA, France

Editorial Board

Dr. Rafid Al-Khannak Buckinghamshire New University, UK

Dr. Orlando AyalaOld Dominion University, USADr. Ashraf DarwishThe University of Helwan, EgyptDr. Vahid DehghanianUniversity of Calgary, Canada

Dr. Qiang Duan Pennsylvania State University Abington College, 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. Sunny Jung Kim Dartmouth College, USA

Prof. Mikel Larrea University of the Basque Country UPV/EHU, Spain

Dr. Khalid LatifUniversity of Turku, FinlandProf. Gino Jinho LimUniversity of Houston, USA

Dr. Lai Man PoCity University of Hong Kong, Hong Kong (China)

Prof. Zengchang Qin Beijing University of Aeronautics and Astronautics, China

Prof. Sukumar SenthilkumarVellore Institute of Technology-University, IndiaDr. R. SharmaIndian Institute of Technology Madras, India

Prof. John A. Springer Purdue University, USA

Prof. Wei Yu

Towson University, USA



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

Table of Contents

Volume 5	Number 9	July 2017
SAP S/4HANA	Embedded Analytics: An Overview	
A. Pattanayak		1
Visual Feedbacl	k Balance Control of a Robot Manipulator and Ball-Bear	m System
CL. Shih, JI	H. Hsu, CJ. Chang	8
Real-Time Rang	ge of Motion Measurement of Physical Therapeutic Exer	rcises
R. R. P. Kumar,	, S. Muknahallipatna, J. McInroy, M. McKenna, L. Franc	19
U	work Performance and Congestion on ts with RFID and Cloud Computing	
L. Andrioli, R.	da Rosa Righi, C. A. da Costa, L. Graebin	43
Study of an Inte	eractive System of Sight-Singing and Ear-Training	
Q. Lin, SJ. Ch	en, W. Jiang, GQ. Jia	67
Insights into Bu	ullying and Verbal Aggressiveness through Social Netwo	ork Analysis
A. Bekiari, V.	Pachi	79
An Improveme	nt of Pedestrian Detection Method with Multiple Resolu	ıtions
G. D. Zhang, P.	. L. Jiang, K. Matsumoto, M. Yoshida, K. Kita	102
-	the LTE Performance Parameters in Different Environmop Spatial Multiplexing (CLSM) Mode in Downlink LTF	
S. R. Abied, A. I	B. Shams, M. T. Kawser	117
Programming S	System PARCS	
A. V. Anisimov	, A. V. Derevianchenko, P. P. Kuliabko, O. M. Fedorus	129

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 and reuse rights for the front matter of the journal:

Copyright © 2017 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 © 2017 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: jcc@scirp.org

Call for Papers

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. The journal publishes original papers including but not limited to the following fields.

Subject Coverage

The journal publishes original papers including, but not limited to, the following fields:

- 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

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- · High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org