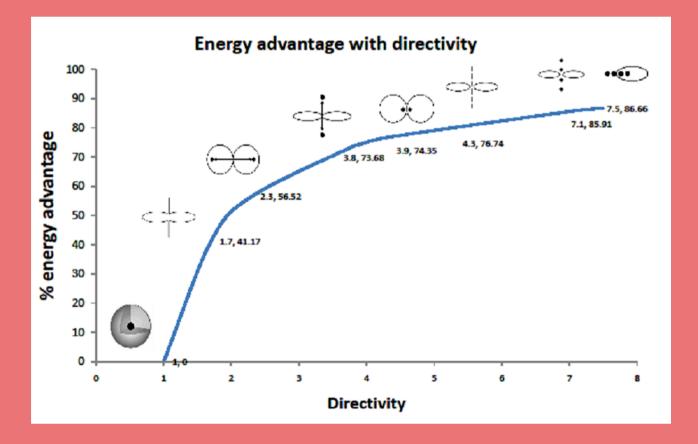


WIRELESS SENSOR NETWORK

Chief Editors: Prof. Kosai Raoof Prof. Min Song





www.scirp.org/journal/wsn/

Journal Editorial Board

ISSN 1945-3078 (Print) ISSN 1945-3086 (Online)

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

Editors-in-Chief

Prof. Kosai Raoof	University of Maine, France
Prof. Min Song	The University of Toledo, USA

Editorial Board (According to Alphabet)

Prof. Zhong-Yang Cheng Prof. Jong-Wha Chong Prof. Peter Han Joo Chong Dr. Aruneema Das Dr. Arjan Durresi Dr. Jeffrey J. Evans Prof. Paloma R. Horche Dr. Li Huang Dr. Badii Jouaber Dr. Ali M. El Kateeb Dr. Jingpeng Li Dr. Juan Luo Dr. Bala Natarajan Prof. Shaharuddin Salleh Prof. Mu-Chun Su Dr. Preetha Thulasiraman Prof. Gui Yun Tian **Dr. Liang Wang** Dr. Qing Zhu Dr. Zhenyun Zhuang

Auburn University, USA Hanyang University, South Korea Nanyang Technological University, Singapore Salford University, UK Indiana University-Purdue University Indianapolis, USA Purdue University, USA Universidad Politécnica de Madrid, Spain Interuniversity Microelectronics Centre, Netherlands Telecom SudParis, France The University of Michigan-Dearborn, USA The University of Nottingham, UK Hunan University, China Kansas State University, USA University Technology Malaysia, Malaysia National Central University, Chinese Taipei Naval Postgraduate School, USA University of Newcastle, UK Pacific Northwest National Laboratory, USA Fujifilm Dimatix, Inc., USA Internap, Inc., USA

Managing Executive Editor

Dr. Yang Po

University of Salford, UK



TABLE OF CONTENTS

Volume 5 Number 6

June 2013

Energy Saving in WSN with Directed Connectivity

The figure on the front cover is from the article published in Wireless Sensor Network, 2013, Vol. 5, No. 6, pp. 121-126 by Neha Deshpande and Arvind Shaligram.

Wireless Sensor Network (WSN)

Journal Information

SUBSCRIPTIONS

The Wireless Sensor Network (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.

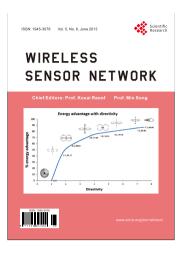
Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

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: wsn@scirp.org





Wireless Sensor Network (WSN)

http://www.scirp.org/journal/wsn ISSN 1945-3078 (Print) ISSN 1945-3086 (Online)

WSN is an international refereed journal dedicated to the latest advancement of wireless sensor network and applications. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these areas.

🗇 Editors-in-Chief

Prof. Kosai Raoof Prof. Min Song University of Maine, France The University of Toledo, USA

Subject Coverage

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

 Data Fusion and Dynamic Inference of Network Information
 Integration of Sensor Networks and Web-Based Services
 Interconnection Architecture Aspects
 Location and Time Services
 Network and Transport Layer Protocols for Cross Networks
 New Applications of Sensor Network: Environmental Monitoring, Healthcare, Home Automation
 QoS Issues in WSN-Based Integrated Networks
 Reliability of Sensor Network and Failure Analysis
 Routing Protocols for Cross Networks
 Sensor Network for Smart Grid
 Sensor Tasking, Control and Actuation
 Sensor Technology
 Testbeds for Integrated Networks

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 WSN.

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. Authors are responsible for having their papers checked for style and grammar prior to submission to WSN. Papers may be rejected if the language is not satisfactory. For more details about the submissions, please access the website.

Great Website and E-Mail

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

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, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

What is Open Access?

rt and Design

Advances in

Entomology

in Aging Re

Advances in Biological

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, world-wide, 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

Engineering

•Guaranteed targeted, multidisciplinary audience



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