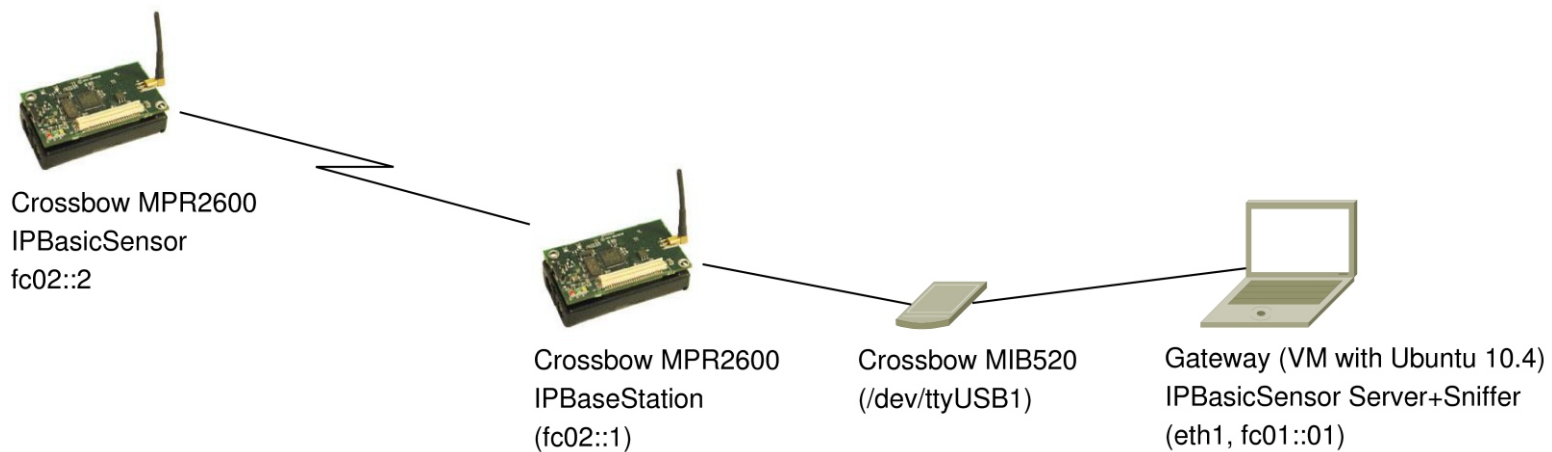




Wireless Sensor Network

Chief Editor : Dr. Min Song Kosai Raoof



ISSN: 1945-3078



Journal Editorial Board

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

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

Editor-in-Chief

Dr. Min Song
Dr. Kosai Raoof

Old Dominion University, USA
University of Joseph Fourier, France

Managing Executive Editor

Prof. Renfa Li

Hunan University, China

Editorial Board (According to Alphabet)

Prof. Dharma P. Agrawal	University of Cincinnati, USA
Dr. Yuanzhu Peter Chen	Memorial University of Newfoundland, Canada
Prof. Jong-wha Chong	Hanyang University, Korea (South)
Dr. Peter Han Joo Chong	Nanyang Technological University, Singapore
Prof. Laurie Cuthbert	University of London at Queen Mary, UK
Dr. Jeffrey J. Evans	Purdue University, USA
Prof. Paloma R. Horche	Universidad Politécnica de Madrid, Spain
Dr. Li Huang	Holst Centre, Stichting IMEC Netherlands, Netherlands
Dr. Badi Jouaber	Telecom SudParis, France
Dr. Jingpeng Li	The University of Nottingham, UK
Dr. Juan Luo	Huan University, China
Prof. Miodrag Potkonjak	University of California, USA
Prof. Shaharuddin Salleh	University Technology Malaysia, Malaysia
Prof. Mu-Chun Su	National Central University, Taiwan (China)
Dr. Liang Wang	Pacific Northwest National Laboratory, USA
Prof. Taieb Znati	University of Pittsburgh, USA

Editorial Assistant

Shirley Song

Scientific Research Publishing, Email: wsn@scirp.org

TABLE OF CONTENTS

Volume 3 Number 1

January 2011

Distributed Sensor Network Based on RFID System for Localization of Multiple Mobile Agents

B. -S. Choi, J.-W. Lee, J.-J. Lee, K.-T. Park.....1

Concealed Integrity Monitoring for Wireless Sensor Networks

B. Stelte, T. Bühring.....10

Modeling of Node Energy Consumption for Wireless Sensor Networks

H.-Y. Zhou, D.-Y. Luo, Y. Gao, D.-C. Zuo.....18

Collaborative Spectrum Sensing for Cognitive Radio: Diversity Combining Approach

O. Filio-Rodriguez, V. Kontorovich, S. Primak, F. Ramos-Alarcon.....24

The figure on the front cover is from the article published in Wireless Sensor Network, 2011, Vol. 3, No. 1, pp. 10-17, by Björn Stelte and Thomas Bühring.

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: \$50 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©2011 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.

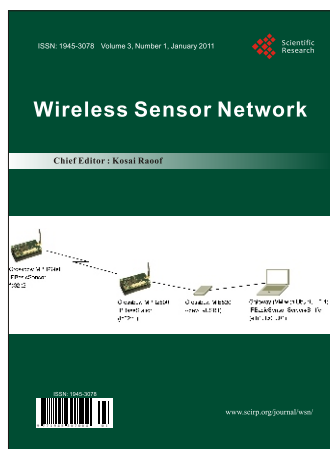
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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 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: wsn@scirp.org



Wireless Sensor Network (WSN)

Call for Papers

<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.



Editor-in-Chief

Dr. Min Song, Old Dominion University, USA

Dr. Kosai Raoof, GIPSA LAB, University of Joseph Fourier, Grenoble, France



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.



Website and E-Mail

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

Email: wsn@scirp.org