

Table of Contents

International Journal on Semantic Web and Information Systems

Volume 13 • Issue 3 • July-September-2017 • ISSN: 1552-6283 • eISSN: 1552-6291

An official publication of the Information Resources Management Association

Special Issue on Current Trends in Wireless Ad Hoc and Sensor Networks within the Realm of the Internet of Things

Guest Editorial Preface

- v *Abdelfettah Belghith, College of Computer and Information Science, Computer Science Department, King Saud University, Riyadh, Saudi Arabia*
Mohamed Mosbah, LaBRI, CNRS, Polytechnic Institute of Bordeaux, University of Bordeaux, Bordeaux, France
Abdelmajid Khelil, Landshut University of Applied Science, Landshut, Germany

Research Articles

- 1 **SEMDPA: A Semantic Web Crossroad Architecture for WSNs in the Internet of Things**
Eliot Bytyçi, University of Prishtina, Prishtina, Kosovo
Besmir Sejdiu, University of Prishtina, Prishtina, Kosovo
Arten Avdiu, South East European University, Prishtina, Kosovo
Lule Ahmedi, University of Prishtina, Prishtina, Kosovo
- 22 **An Efficient Intrusion Detection System for Selective Forwarding and Clone Attackers in IPv6-based Wireless Sensor Networks under Mobility**
Fatma Gara, ENIT, Tunis, Tunisia
Leila Ben Saad, University of Agder, Grimstad, Norway
Rahma Ben Ayed, ENIT, Tunis, Tunisia
- 48 **Context-Aware Broadcast in Duty-Cycled Wireless Sensor Networks**
Imen Jemili, HANA Research Lab, University of Manouba, Tunis, Tunisia
Dhouha Ghrab, HANAlab/LaBRI, Tunis, National School of Computer Sciences, University of Manouba, Tunis, Tunisia
Abdelfettah Belghith, College of Computer and Information Science, Computer Science Department, King Saud University, Riyadh, Saudi Arabia
Mohamed Mosbah, LaBRI, CNRS, Polytechnic Institute of Bordeaux, University of Bordeaux, Bordeaux, France
- 68 **Low Cost Recursive Localization scheme for High Density Wireless Sensor Networks**
Badia Bouhdid, National School of Computer Sciences (ENSI), University of Manouba, Manouba, Tunisia
Wafa Akkari, National School of Computer Sciences (ENSI), University of Manouba, Manouba, Tunisia
Softem Gannouni, CCIS, King Saud University, Riyadh, Saudi Arabia
- 89 **An Adaptive and Hotspot Aware Taxi Zone Queuing System on Internet of Vehicles**
Chyi-Ren Dow, Feng Chia University, Taichung, Taiwan
Duc-Binh Nguyen, Feng Chia University, Taichung, Taiwan
Hsi-Chung Chen, Feng Chia University, Taichung, Taiwan
Shiow-Fen Hwang, Feng Chia University, Taichung, Taiwan

COPYRIGHT

The **International Journal on Semantic Web and Information Systems (IJSWIS)** (ISSN 1552-6283; eISSN 1552-6291), Copyright © 2017 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal on Semantic Web and Information Systems* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; Current Contents®/Engineering, Computing, & Technology; DBLP; DEST Register of Refereed Journals; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Science Citation Index Expanded (SCIE)