

# International Journal of Interdisciplinary Telecommunications and Networking

April-June 2014, Vol. 6, No. 2

## Table of Contents

### RESEARCH ARTICLES

- 1 **Centrality-Based Connected Dominating Sets for Complex Network Graphs**  
*Natarajan Meghanathan, Jackson State University, Jackson, MS, USA*
- 25 **Next Generation Wearable Devices: Smart Health Monitoring Device and Smart Sousveillance Hat using D2D Communications in LTE Assisted Networks**  
*Niraj Shakhakarmi, Department of Electronics & Computer Engineering, Navajo Technical University, Crownpoint, NM, USA*
- 52 **A Weighted Method to Update Network User Preference Profile Dynamically**  
*Zhi-Yuan Zhang, School of Communication and Information Engineering, Beijing Jiaotong University, Beijing, China*  
*Yun Liu, School of Communication and Information Engineering, Beijing Jiaotong University, Beijing, China*  
*Qing-An Zeng, Department of Computer Systems Technology, North Carolina A&T State University, Greensboro, NC, USA*

### Copyright

The **International Journal of Interdisciplinary Telecommunications and Networking (IJITN)** (ISSN 1941-8663; eISSN 1941-8671), Copyright © 2014 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 of Interdisciplinary Telecommunications and Networking* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory