Table of Contents

International Journal of Interdisciplinary Telecommunications and Networking

Volume 9 • Issue 3 • July-September-2017 • ISSN: 1941-8663 • eISSN: 1941-8671

An official publication of the Information Resources Management Association

Research Articles

1 Integrating Software Defined Radio with USRP

Ehsan Sheybani, College of Business, University of South Florida, Sarasota, FL, USA Giti Javidi, College of Business, University of South Florida, Sarasota, FL, USA

10 Irrigation Measurement System for Dry Areas Based on WSN

Juan Granda, Universidad del Norte, Barranquilla, Colombia Mauricio Almanza, Universidad del Norte, Barranquilla, Colombia Jose Fontalvo, Universidad del Norte, Barranquilla, Colombia Maria Calle, Universidad del Norte, Barranquilla, Colombia

21 Impact of Non-Typical Antenna Configurations on Higher Order Sectored Sites in Ultra Dense Networks

Muhammad Usman Sheikh, Department of Electronics and Communications Engineering, Tampere University of Technology (TUT), Tampere, Finland

Jukka Lempiäinen, Department of Electronics and Communications Engineering, Tampere University of Technology (TUT), Tampere, Finland

45 Routing Protocol for Cognitive Radio Ad Hoc Networks

Ahemd M. Alotaibi, Computer Engineering Department, College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia

Salman A. AlQahtani, Computer Engineering Department, College of Computer and Information Sciences, King Saud University, Riyadh, Saudi Arabia

COPYRIGHT

The International Journal of Interdisciplinary Telecommunications and Networking (IJITN) (ISSN 1941-8663; eISSN 1941-8671), 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 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; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science (All Journals); Web of Science Emerging Sources Citation Index (ESCI)