

INTERNATIONAL JOURNAL OF INTERDISCIPLINARY TELECOMMUNICATIONS AND NETWORKING

January-March 2013, Vol. 5, No. 1

Table of Contents

RESEARCH ARTICLES

- 1 **An MMSE Overlay Cognitive Wireless System**
Monirosharieh Vameghestahbanati, Department of Electrical Engineering, American University of Sharjah, Sharjah, UAE
Hasan S. Mir, Department of Electrical Engineering, American University of Sharjah, Sharjah, UAE
Mohamed El-Tarhuni, Department of Electrical Engineering, American University of Sharjah, Sharjah, UAE
- 14 **Biologically Inspired Networks: On Energy Efficient Event-Driven Data Collection for Wireless Sensor Networks**
Mahdy Saedy, Senior Member, IEEE, University of Texas at San Antonio, San Antonio, TX, USA
- 26 **Designing an IP Link Topology for a Metro Area Backbone Network**
John G. Kincewicz, AT&T Labs, Middletown, NJ, USA
David F. Lynch, AT&T Labs, Middletown, NJ, USA
- 43 **Cellular Customer Churns Due to Mobile Number Portability: Causes and the Strategies to Deal with it (An Empirical Study)**
S. Sreejesh, ICFAI Business School - Hyderabad, ICFAI Foundation for Higher Education University, Hyderabad, India
- 58 **Novel WLL Architecture Based on Color Pixel Multiple Access Implemented on a Terrestrial Video Network as the Overlay**
Rajarshi Sanyal, Belgacom Group, Brussels, Belgium
Ernestina Cianca, Department of Electronic Engineering, University of Rome Tor Vergata, Rome, Italy
Ramjee Prasad, Department of Electronic Systems, University of Aalborg, Aalborg, Denmark

Copyright

The *International Journal of Interdisciplinary Telecommunications and Networking* (ISSN 1941-8663; eISSN 1941-8671). Copyright © 2013 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.

IJITN is currently listed or indexed in: 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