International Journal of Mobile Computing and Multimedia Communications

April-June 2013, Vol. 5, No. 2

Table of Contents

SPECIAL ISSUE OF SELECTED PAPERS FROM THE 3RD INTERNATIONAL CONFERENCE ON NETWORK APPLICATIONS, PROTOCOLS AND SERVICES (NETAPPS2012)

GUEST EDITORIAL PREFACE

iv Rahmat Budiarto, InterNetWorks Research Laboratory, School of Computing UUM CAS, Universiti Utara, Sintok Kedah, Malaysia Mohamed Firdhous, InterNetWorks Research Laboratory, School of Computing UUM CAS, Universiti Utara, Sintok Kedah, Malaysia Naseer Ali Husieen, InterNetWorks Research Laboratory, School of Computing UUM CAS, Universiti Utara, Sintok Kedah, Malaysia

RESEARCH ARTICLES

- Statistically Enhanced Multi-Dimensional Trust Computing Mechanism for Cloud Computing Mohamed Firdhous, InterNetWorks Research Lab, School of Computing, Universiti Utara Malaysia, Sintok Kedah, Malaysia, & Faculty of Information Technology, University of Moratuwa, Moratuwa, Sri Lanka Suhaidi Hassan, InterNetWorks Research Lab, School of Computing, Universiti Utara Malaysia, Sintok Kedah, Malaysia Osman Ghazali, InterNetWorks Research Lab, School of Computing, Universiti Utara Malaysia, Sintok Kedah, Malaysia
- Node Placement Strategy in Wireless Sensor Network Puteri Azva Ahmad, School of Computing, College of Arts and Sciences, Universiti Utara Malaysia, Sintok, Kedah, Malaysia M. Mahmuddin, School of Computing, College of Arts and Sciences, Universiti Utara Malaysia, Sintok, Kedah, Malaysia Mohd Hasbullah Omar, School of Computing, College of Arts and Sciences, Universiti Utara Malaysia, Sintok, Kedah, Malaysia
- 32 Handoff and Route Optimization in Mobile Networks over IEEE 802.16e
 Badiea Abdulkarem Mohammed, School of Computer Sciences, Universiti Sains Malaysia, Penang, Malaysia
 Tat-Chee Wan, School of Computer Sciences/ National Advanced IPv6 Centre (NAV6), Universiti Sains Malaysia, Penang, Malaysia
- 46 The Robustness of RM-DSR Multipath Routing Protocol with Different Network Size in MANET

 Naseer Ali Husieen, InterNetWorks Research Lab, School of Computing, Universiti Utara Malaysia, Sintok Kedah, Malaysia

 Suhaidi Hassan, InterNetWorks Research Lab, School of Computing, Universiti Utara Malaysia, Sintok Kedah, Malaysia

 Osman Ghazali, InterNetWorks Research Lab, School of Computing, Universiti Utara Malaysia, Sintok Kedah, Malaysia

 Lelyzar Siregar, Faculty of Computer Science and Information Technology, Universitas Sumatra Utara, Medan, Indonesia
- 58 Wireless Communication Technologies for Vehicular Nodes: A Survey
 Vasuky Mohanan, School of Computer Science, Universiti Sains Malaysia, Sintok Kedah, Malaysia
 Rahmat Budiarto, School of Computing, Universiti Utara Malaysia, Sintok Kedah, Malaysia
- 178 ICMPV6 Vulnerability: The Importance of Threat Model and SF-ICMP6
 Abidah HJ Mat Taib, Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia
 Wan Nor Ashiqin Wan Ali, Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA, Shah Alam, Selangor,
 Malaysia
 Nurul Sharidah Shaari, Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia

Copyright

The International Journal of Mobile Computing and Multimedia Communications (IJMCMC) (ISSN 1937-9412; eISSN1937-9404), 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 witten 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 neccessarily of IGI Global

IJMCMC is currently listed or indexed in: ACM Digital Library; Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory