Table of Contents

Research Articles

1 Automation Selective Monitoring Base on University Training and Research Satellite Receiver Teleport
   Naoufel Kharroubi, Taif University, Taif, Saudi Arabia
   Hamza Gharselaoui, Al-Jouf College of Technology, Technical and Vocational Training Corporation (TVTC), Sakaka, Saudi Arabia

17 Study on Image Processing Algorithms for Data Matrix in Dotted Domain
   Fengmin Li, North China Electric Power University, Beijing, China
   Yaoquan Yang, Department of Automation, North China Electric Power University, Beijing, China
   Tao Gao, Department of Automation, North China Electric Power University, Beijing, China

27 How to Deal with Sports Activity Datasets for Data Mining and Analysis: Some Tips and Future Challenges
   Samo Rauter, Faculty of Sport, University of Ljubljana, Ljubljana, Slovenia
   Iztok Fister, Faculty of Electrical Engineering and Computer Science, University of Maribor, Maribor, Slovenia
   Iztok Fister Jr., Faculty of Electrical Engineering and Computer Science, University of Maribor, Maribor, Slovenia

38 Opportunistic Neighbour Prediction Using an Artificial Neural Network
   Fraser Cadger, Intelligent Systems Research Centre, University of Ulster, Londonderry, UK
   Kevin Curran, Intelligent Systems Research Centre, University of Ulster, Londonderry, UK
   Jose Santos, Intelligent Systems Research Centre, University of Ulster, Londonderry, UK
   Sandra Moffet, Intelligent Systems Research Centre, University of Ulster, Londonderry, UK

51 Meta Model Context Based Space for Ubiquitous Computing
   Mohammed Fethi Khalfi, Computer Science Department, University of Djilali Liabes, Sidi Bel Abbel, Algeria
   Sidi Mohamed Benslimane, Computer Science Department, University of Djilali Liabes, Sidi Bel Abbel, Algeria

Copyright
The International Journal of Advanced Pervasive and Ubiquitous Computing (IJAPUC) (ISSN 1937-965X; eISSN 1937-9668), Copyright © 2015 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 Advanced Pervasive and Ubiquitous Computing is indexed or listed in the following: ACM Digital Library; Bacon’s Media Directory; Cabell’s Directories; DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich’s Periodicals Directory.