

Table of Contents

International Journal of Organizational and Collective Intelligence

Volume 7 • Issue 3 • July-September-2017 • ISSN: 1947-9344 • eISSN: 1947-9352

An official publication of the Information Resources Management Association

Special Issue on Metaheuristics and Bio Inspiration in Information Retrieval

Editorial Preface

- vi Hadj Ahmed Bouarara, GeCoDe Laboratory, University of Dr. Tahar Moulay, Saida, Algeria
Reda Mohamed Hamou, GeCoDe Laboratory, University of Dr. Tahar Moulay, Saida, Algeria
Mohamed Elhadi Rahmani, GeCoDe Laboratory, University of Dr. Tahar Moulay, Saida, Algeria

Research Articles

- 1 **A Bio Inspired Approach for Cardiotocogram Data Classification**
Hanane Menad, GeCoDe Laboratory, University of Dr. Tahar Moulay, Saida, Algeria
Abdelmalek Amine, GeCoDe Laboratory, University of Dr. Tahar Moulay, Saida, Algeria
- 15 **Contextualized Meaning Extraction: A Meta-Algorithm for Big Data Text Mining with Pragmatics**
Jeffrey D. Wall, Michigan Technological University, Houghton, MI, USA
Rahul Singh, The University of North Carolina at Greensboro, Greensboro, NC, USA
- 30 **An Analysis of Leg Muscle Stretch Using 3D Digital Image Correlation**
G.B Praveen, RV College of Engineering, Bengaluru, India
S. Raghavendra, University Visvesvaraya College of Engineering, Bengaluru, India
Victor I. C. Chang, Xi'an Jiaotong Liverpool University, Southampton, United Kingdom
- 44 **Big Data Management: Advanced Issues and Approaches**
Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Bangkok, Thailand
- 56 **Knowledge Discovery and Data Visualization: Theories and Perspectives**
Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Bangkok, Thailand

COPYRIGHT

The *International Journal of Organizational and Collective Intelligence (IJOICI)* (ISSN 1947-9344; eISSN 1947-9352), 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 Organizational and Collective Intelligence* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory