

# Table of Contents

## Journal of Information Technology Research

Volume 10 • Issue 2 • April-June-2017 • ISSN: 1938-7857 • eISSN: 1938-7865

*An official publication of the Information Resources Management Association*

### **Special Issue on Computer Science's Complex Systems and Their Applications:**

#### **Editorial Preface**

- v Mokhati Farid, Larbi Ben M'hidi University, Oum El Bouaghi, Algeria  
Nini Brahim, Larbi Ben M'hidi University, Oum El Bouaghi, Algeria

#### **Research Articles**

- 1 **A Model Driven Engineering Approach to Reduce Large Queueing Networks**  
Ahlem Nasri, RELA(CS)2 Laboratory, University of Oum El Bouaghi, Oum El Bouaghi, Algeria  
Abdelhabib Bourouis, RELA(CS)2 Laboratory, University of Oum El Bouaghi, Oum El Bouaghi, Algeria
- 19 **Collaborative MOOC Content Design and Automatic Assessment Based on ODALA Approach**  
Nacera Hammid, Mouloud Mammeri University, Department of Computer Sciences, Tizi-Ouzou, Algeria  
Lynda Haddadi, Mouloud Mammeri University, Department of Computer Sciences, Tizi-Ouzou, Algeria  
Farida Bouarab-Dahmani, Mouloud Mammeri University, Department of Computer Sciences, Tizi-Ouzou, Algeria
- 40 **Academic Virtual Meetings Management with a Synthesis Builder**  
Farida Bouarab-Dahmani, Mouloud Mammeri University of Tizi Ouzou, Department of Computer Science, Tizi-Ouzou, Algeria
- 60 **Scalability Property in Solving the Density Classification Task**  
Laboudi Zakaria, MISC Laboratory, Constantine2 University, Constantine, Algeria.  
Chikhi Salim, MISC Laboratory, Constantine2 University, Constantine, Algeria.  
Lakhdari Saliha, University of Oum El-Bouaghi, RELA(CS)2 Laboratory, Oum El Bouaghi, Algeria

#### **COPYRIGHT**

The **Journal of Information Technology Research (JITR)** (ISSN 1938-7857; eISSN 1938-7865), 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 *Journal of Information Technology Research* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science Emerging Sources Citation Index (ESCI)