# International Journal of Distributed Systems and Technologies

October-December 2013, Vol. 4, No. 4

### **Table of Contents**

## EDITORIAL PREFACE

iv Nik Bessis, University of Derby, Derby, UK & University of Bedfordshire, Luton, Bedford, UK

# RESEARCH ARTICLES

- 1 The Public Cloud for e-Government
  - Bernd Zwattendorfer, E-Government Innovation Center, Graz University of Technology, Graz, Austria Arne Tauber, E-Government Innovation Center, Graz University of Technology, Graz, Austria
- 17 Sharing Experience Around Component Compositions: Application to the Eclipse Ecosystem Grégory Bourguin, Univ Lille Nord de France, France & ULCO, LISIC, Calais, France Arnaud Lewandowski, Univ Lille Nord de France, France & ULCO, LISIC, Calais, France Myriam Lewkowicz, Troyes University of Technology, ICD/Tech-CICO, Troyes, France
- 29 A Collaborative Model of Information Technology Strategic Plan for the Government Sector

Wagner N. Silva, COPPE: Computer Science Department, Graduate School of Engineering, Rio de Janeiro, Brazil & UFRJ: Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

Marco A. Vaz, COPPE: Computer Science Department, Graduate School of Engineering, Rio de Janeiro, Brazil & UFRJ: Federal University of Rio de Janeiro Rio de Janeiro, Brazil

Jano M. Souza, COPPE: Computer Science Department, Graduate School of Engineering, Rio de Janeiro, Brazil & DCC-IM/ - Computer Science Department, Mathematics Institute & UFRJ: Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

39 Collaborative Web-Based System for Knowledge Transfer to Distributed Groups of Users Within Strategic Noise Mapping Domain

Marcin Dabrowski, Silesian University of Technology, Gliwice, Poland

50 Implementation of UML Schema in Relational Databases: A Case of Geographic Information Maurizio Nagni, Centre for Environmental Data Archival (CEDA), Didcot, UK Spiros Ventouras, Centre for Environmental Data Archival (CEDA), Didcot, UK

### Copyright

The International Journal of Distributed Systems and Technologies (IJDST) (ISSN 1947-3532; eISSN1947-3540), 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.

The International Journal of Distributed Systems and Technologies is currently listed or indexed in: IJDST 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); Linguistics & Language Behavior Abstracts (LLBA); MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory