

INTERNATIONAL JOURNAL OF WEB PORTALS

January-March 2013, Vol. 5, No. 1

Table of Contents

SPECIAL ISSUE ON ON “KNOWLEDGE SHARING, SERVICE ORCHESTRATION AND MANAGEMENT AT RUNTIME” FROM THE IEEE WETICE 2012 CONFERENCE ON STATE OF THE ART RESEARCH IN ENABLING TECHNOLOGIES FOR COLLABORATION

GUEST EDITORIAL PREFACE

iv **Knowledge Sharing, Service Orchestration and Management at Runtime**

Khalil Drira, CNRS, LAAS, Univ. de Toulouse, Toulouse, France

Riadh Ben Halima, CNRS, LAAS, Univ. de Toulouse, Toulouse, France & ReDCAD, University of Sfax, Sfax, Tunisia

RESEARCH ARTICLES

1 **FSaaS: Configuring Policies for Managing Shared Files Among Cooperating, Distributed Applications**

Marco Di Sano, Department of Electrical, Electronic and Computer Engineering, University of Catania, Catania, Italy

Antonella Di Stefano, Department of Electrical, Electronic and Computer Engineering, University of Catania, Catania, Italy

Giovanni Morana, Department of Electrical, Electronic and Computer Engineering, University of Catania, Catania, Italy

Daniele Zito, Department of Electrical, Electronic and Computer Engineering, University of Catania, Catania, Italy

15 **Adaptive Web Services Monitoring in Cloud Environments**

Yi Wei, Department of Computer Science and Engineering, University of Notre Dame, Notre Dame, IN, USA

M. Brian Blake, Department of Computer Science, University of Miami, Coral Gables, FL, USA

28 **Delivering Deep Health Information Using Clinical Eye**

Olga Nabuco, Decision Support Systems Division, Center for Information Technology Renato Archer – CTI, Campinas, Brazil

41 **A Formal Approach for the Validation of Web Service Orchestrations**

Wael Sellami, ReDCAD Laboratory, University of Sfax, Tunisia

Hatem Hadj Kacem, ReDCAD Laboratory, University of Sfax, Tunisia

Ahmed Hadj Kacem, ReDCAD Laboratory, University of Sfax, Tunisia

55 **Managing Architectural Reconfiguration at Runtime**

Siheem Loukil, ReDCAD Laboratory, University of Sfax, Sfax, Tunisia

Slim Kallel, ReDCAD Laboratory, University of Sfax, Sfax, Tunisia

Mohamed Jmaiel, ReDCAD Laboratory, University of Sfax, Sfax, Tunisia

Copyright

The *International Journal of Web Portals* (ISSN 1938-0194; eISSN 1938-0208). 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 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.

IJWP is currently listed or indexed in: ACM Digital Library; Bacon'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 Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory