

International Journal of Web Services Research

January-March 2014, Vol. 11, No. 1

Table of Contents

SPECIAL ISSUE ON COMPLEX SERVICE COMPUTING

GUEST EDITORIAL PREFACE

- iv Zhaohui Wu, Zhejiang University, Hangzhou, Zhejiang, China
Jian Wu, Zhejiang University, Hangzhou, Zhejiang, China

RESEARCH ARTICLES

- 1 **Event-Driven SOA Based District Heating Service System with Complex Event Processing Capability**
Xiuquan Qiao, State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China
Budan Wu, State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China
Yulong Liu, State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China
Zhao Xue, State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China
Junliang Chen, State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China
- 30 **Stakeholder Identification and Analysis for Service Lifecycle Management**
Wenge Rong, State Key Laboratory of Software Development Environment, School of Computer Science and Engineering, Beihang University, Beijing, China, Research Institute of Beihang University in Shenzhen, Shenzhen, China
Qinfen Wu, School of Computer Science and Engineering, Beihang University, Beijing, China
Yuanxin Ouyang, State Key Laboratory of Software Development Environment, School of Computer Science and Engineering, Beihang University, Beijing, China, Research Institute of Beihang University in Shenzhen, Shenzhen, China
Kecheng Liu, Informatics Research Centre, University of Reading, Reading, United Kingdom
Zhang Xiong, State Key Laboratory of Software Development Environment, School of Computer Science and Engineering, Beihang University, Beijing, China, Research Institute of Beihang University in Shenzhen, Shenzhen, China
- 57 **A Trust-Aware Search Engine for Complex Service Computing**
Mingdong Tang, Hunan University of Science and Technology, Xiangtan, China & State Key Laboratory of Networking and Switching Technology, Beijing University of Posts and Telecommunications, Beijing, China
Zibin Zheng, The Chinese University of Hong Kong, Hong Kong, China
Liang Chen, Zhejiang University, Hangzhou, China
Jianxun Liu, Hunan University of Science and Technology, Xiangtan, China
Buqing Cao, Hunan University of Science and Technology, Xiangtan, China
Zhengguang You, Hunan University of Science and Technology, Xiangtan, China
- 76 **Deploying Data-Intensive Service Composition with a Negative Selection Algorithm**
Shuiguang Deng, College of Computer Science and Technology, Zhejiang University, Hangzhou, China
Longtao Huang, College of Computer Science and Technology, Zhejiang University, Hangzhou, China
Ying Li, College of Computer Science and Technology, Zhejiang University, Hangzhou, China
Jianwei Yin, College of Computer Science and Technology, Zhejiang University, Hangzhou, China
- 94 **Optimizing Concurrency Performance of Complex Services in Mobile Environment**
Sudipan Mishra, Department of Computer Science, Rochester Institute of Technology, Rochester, New York, USA
Xumin Liu, Department of Computer Science, Rochester Institute of Technology, Rochester, New York, USA

Copyright

The **International Journal of Web Services Research (IJWSR)** (ISSN 1545-7362; eISSN 1546-5004), Copyright © 2014 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 Web Services Research* is indexed or listed in the following: ABI/Inform; ACM Digital Library; Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; Current Contents®/Engineering, Computing, & Technology; DBLP; DEST Register of Refereed Journals; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; Journal Citation Reports/Science Edition; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); PubList.com; Science Citation Index Expanded (SciSearch®); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Thomson Reuters; Ulrich's Periodicals Directory; Web of Science