## International Journal of Grid and High Performance Computing

July-September 2015, Vol. 7, No. 3

## **Table of Contents**

## RESEARCH ARTICLES

- Automatic Dynamic Data Structures Recognition to Support the Migration of Applications to the Cloud
  Beniamino Di Martino, Department of Industrial and Information Engineering, Second University of Naples, Aversa, Italy
  Antonio Esposito, Department of Industrial and Information Engineering, Second University of Naples, Aversa, Italy
- 23 Maintaining Replicated Recovery Log for RESTful Services Anna Kobusińska, Institute of Computing Science, Poznań University of Technology, Poznań, Poland Dariusz Wawrzyniak, Institute of Computing Science, Poznań University of Technology, Poznań, Poland
- 36 A Mobile Cloud Computing System for Mathematical Computation
  Tyng-Yeu Liang, Department of Electrical Engineering, National Kaohsiung University of Applied Sciences, Kaohsiung, Taiwan
  You-Jie Li, Department of Electrical Engineering, National Kaohsiung University of Applied Sciences, Kaohsiung, Taiwan
- High Performance Temperature Detection System for Industrial Automation
  Uei-Ren Chen, Department of Electronic Engineering, Hsiuping University of Science and Technology, Taichung, Taiwan
  Chia-Yen Wei, Department of Electronic Engineering, Hsiuping University of Science and Technology, Taichung, Taiwan
  Meng-Fen Ho, Department of Electronic Engineering, Hsiuping University of Science and Technology, Taichung, Taiwan
- Self-Adaptive QoS-Aware Web Service Discovery using Ontology Approach Nwe Nwe Htay Win, School of Computer Science and Technology, Harbin Institute of Technology, Harbin, China Bao Jianmin, Nanjing University of Posts and Telecommunication, Nanjing, China Cui Gang, Harbin Institute of Technology, Harbin, China Saif Ur Rehman, Harbin Institute of Technology, Harbin, China
- High Performance Datafly based Anonymity Algorithm and Its L-Diversity
  Zhi-ting Yu, School of Computer Engineering and Science, Shanghai University, Shanghai, China
  Quan Qian, School of Computer Engineering and Science, Shanghai University, Shanghai, China
  Chun-Yuan Lin, Department of Computer Science and Information Engineering, Chang Gung University, Taoyuan, Taiwan
  Che-Lun Hung, Department of Computer Science and Communication Engineering, Providence University, Taichung, Taiwan

## Copyright

The International Journal of Grid and High Performance Computing (IJGHPC) (ISSN 1938-0259; eISSN 1938-0267), Copyright © 2015 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 Grid and High Performance Computing is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory