

International Journal of Software Innovation

April-June 2015, Vol. 3, No. 2

Table of Contents

RESEARCH ARTICLES

- 1 **The Effects of the State of Union Address of USA Presidents to Their Performance Ratings**
Carl Lee, Central Michigan University, MI, USA

- 13 **A Method for Detecting Bad Smells and its Application to Software Engineering Education**
Yuki Ito, Faculty of Education, Tokyo Gakugei University, Tokyo, Japan
Atsuo Hazezama, Faculty of Education, Tokyo Gakugei University, Tokyo, Japan
Yasuhiko Morimoto, Faculty of Education, Tokyo Gakugei University, Tokyo, Japan
Hiroaki Kaminaga, Faculty of Symbolic Systems Science, Fukushima University, Fukushima, Japan
Shoichi Nakamura, Faculty of Symbolic Systems Science, Fukushima University, Fukushima, Japan
Youzou Miyadera, Faculty of Education, Tokyo Gakugei University, Tokyo, Japan

- 13 **Virtual Agent as a User Interface for Home Network System**
Hiroyasu Horiuchi, Graduate School of System Informatics, Kobe University, Hyogo, Japan
Sachio Saiki, Graduate School of System Informatics, Kobe University, Hyogo, Japan
Shinsuke Matsumoto, Graduate School of System Informatics, Kobe University, Hyogo, Japan
Masahide Namamura, Graduate School of System Informatics, Kobe University, Hyogo, Japan

- 24 **A Platform for Analyzing Behaviors of Service-Oriented Application Based on the Probabilistic Model Checking**
Jinyu Kai, School of Computer Engineering and Science, Shanghai University, Shanghai, P.R. China & Shanghai Key Laboratory of Computer Software Evaluating and Testing, Shanghai, P.R. China
Huaikou Miao, School of Computer Engineering and Science, Shanghai University, Shanghai, P.R. China & Shanghai Key Laboratory of Computer Software Evaluating and Testing, Shanghai, P.R. China
Kun Zhao, School of Computer Engineering and Science, Shanghai University, Shanghai, P.R. China
Jiaan Zhou, School of Computer Engineering and Science, Shanghai University, Shanghai, P.R. China
Honghao Gao, Computing Center, Shanghai University, Shanghai, P.R. China

- 39 **IDA: An Intelligent Document Analysis System for Evaluating Corporate Governance Practices Based on SEC Required Filings**
Ying Zheng, Department of Computer Sciences, Towson University, Baltimore, MD, USA
Harry Zhou, Department of Computer Sciences, Towson University, Baltimore, MD, USA

Copyright

The **International Journal of Software Innovation (IJSI)** (ISSN 2166-7160; eISSN 2166-7179), 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 Software Innovation* is indexed or listed in the following: Cabell's Directories; INSPEC; MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory