

ISADS 2015 Program

Section 1. Web and Cloud-based Systems

Session Chair: Wen-Thong Chang, Asia Univ., Taiwan

Youqi Gu, Xiaoqing Zeng, Tuo Shen and Weiyang Wang. VOBC Data Storage and Online Diagnosing System Based on Data Cloud

Hironao Takahashi, Khalid Mahmood and Uzair Lakhani. Autonomous Decentralized Semantic based URL Filtering System for Low Latency

Khalid Mahmood, Hiro Takahashi, Asif Raza, Asma Qaiser and Aadil Farooqui. Semantic based Highly Accurate Autonomous Decentralized URL Classification System for Web Filtering

Jemishkumar Patel, Vasu Jindal, I-Ling Yen, Farokh Bastani, Jie Xu, and Peter Garraghan, Workload Estimation for Improving Resource Management Decisions in the Cloud

Section 2. Dependability and Performance

Session Chair: Yingxu Lai, Beijing University of Technology

Warakorn Srichavengsup. Enhancing the Performance of Tree Algorithm using Re-split Mechanism

Wei-Tek Tsai, Guanqiu Qi and Kai Hu. Autonomous Decentralized Combinatorial Testing

Kai Hu, Kai Wu, Yi Ding and Wei-Tek Tsai. Web_based Performance Monitor for Distributed Computing

Raymundo García-Gómez, Juan Sebastián Guadalupe Godínez-Borja,

Pedro Josué Hernández-Torres, and Carlos Pérez-Leguizamo, High Reliability Cloning Technology for Autonomous Descentralized Service-Oriented Architecture

Section 3. Distributed and Network Systems

Session Chair: Hidenori Nakazato, Waseda Univ., Japan

Huawei Zhao, Ruzhi Xu, Minglei Shu and Jiankun Hu. Physiological-Signal-Based Key Negotiation Protocols for Body Sensor Networks: A Survey

Yating Wang, Ing-Ray Chen and Jin-Hee Cho. Trust-Based Task Assignment in Autonomous Service-Oriented Ad Hoc Networks

Gabriel Hernandez and Alejandro Garcia Ravize. Flexible Manufacturing System with CC-Link Network decentralized

Robithoh Annur, Warakorn Srichavengsup, Suvit Nakpeerayuth and Lunchakorn Wuttitsittikuljij.

Bayesian Method of Slotted Aloha Based Anti-Collision Protocol for RFID Systems

Section 4. Industry Applications

Session Chair: I-Ling Yen, Univ. of Texas-Dallas, USA

Titichaya Thanamitsomboon, Xiaodong Lu and Kinji Mori. Autonomous Push-Pull Coordination Technology to Achieve Reconciling Resource Utilization in Heterogeneous Communities Environment

Leo Van Moergestel, Erik Puik, Daniël Telgen and John-Jules Meyer. Implementation of an Agent-Based Manufacturing Grid

Fan Wei, Liumei Zhang, Tianshi Liu, Xiaodong Lu and Kinji Mori. Autonomous Community Architecture and Construction Technology for City Petrol Supply Management System