Table of Contents

International Journal of Distributed Systems and Technologies

Volume 11 • Issue 4 • October-December-2020 • ISSN: 1947-3532 • eISSN: 1947-3540

Research Articles

1 Implementation and Evaluation of Local Knowledge Inheritance System

Tomoyuki Ishida, Fukuoka Institute of Technology, Fukuoka, Japan Hayato Ito, Ibaraki University, Mito, Japan

23 PaaS Optimization of Apache Applications Using System Parameter Tuning of Big Data Platforms in Distributed Computing

Tanuja Pattanshetti, College of Engineering Pune, Pune, India Vahida Attar, College of Engineering Pune, Pune, India

39 WMN-PSODGA - An Intelligent Hybrid Simulation System for WMNs Considering Load Balancing: A Comparison for Different Client Distributions

Seiji Ohara, Fukuoka Institute of Technology, Fukuoka, Japan Ermioni Qafzezi, Fukuoka Institute of Technology, Fukuoka, Japan Admir Barolli, Aleksander Moisiu University of Durres, Durres, Albania Shinji Sakamoto, Seikei University, Musashino, Japan Yi Liu, Fukuoka Institute of Technology, Fukuoka, Japan Leonard Barolli, Fukuoka Institute of Technology, Fukuoka, Japan

53 Fuzzy Crow Search Algorithm-Based Deep LSTM for Bitcoin Prediction

Chandrasekar Ravi, National Institute of Technology Puducherry, Puducherry, India

72 Fault-Tolerant Strategies in the Tree-Based Fog Computing Model

Ryuji Oma, Hosei University, Tokyo, Japan Shigenari Nakamura, Hosei University, Tokyo, Japan Tomoya Enokido, Rissho University, Tokyo, Japan Makoto Takizawa, Hosei University, Tokyo, Japan

COPYRIGHT

The International Journal of Distributed Systems and Technologies (IJDST) (ISSN 1947-3532; eISSN 1947-3540), Copyright © 2020 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 Distributed Systems and Technologies is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); Linguistics & Language Behavior Abstracts (LLBA); MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)