

# Table of Contents

## International Journal of Knowledge and Systems Science

Volume 12 • Issue 3 • July-September-2021 • ISSN: 1947-8208 • eISSN: 1947-8216

### Research Articles

- 1      **A State-of-the-Art Survey on Context-Aware Recommender Systems and Applications**  
Quang-Hung Le, Quy Nhon University, Vietnam  
Son-Lam Vu, Quy Nhon University, Vietnam  
Thi-Kim-Phuong Nguyen, Quy Nhon University, Vietnam  
Thi-Xinh Le, Quy Nhon University, Vietnam
  
- 21     **A Methodology of Task Allocation to Design a Human-Robot Assembly Line: Integration of DFA Ergonomics and Time-Cost Effectiveness Optimization**  
Anh Vo Ngoc Tram, School of Management Technology, Sirindhorn International Institute of Technology, Thammasat University, Thailand  
Morrakot Raweeewan, School of Management Technology, Sirindhorn International Institute of Technology, Thammasat University, Thailand
  
- 53     **Hybrid Simulation-Based Optimization for Production Planning of a Dedicated Remanufacturing System**  
Navee Chiadamrong, Sirindhorn International Institute of Technology, Thammasat University, Thailand  
Chayanan Tangchaisuk, Sirindhorn International Institute of Technology, Thammasat University, Thailand
  
- 80     **Optimizing Inventory Classification and Service Levels Under Budget and Warehouse Space Control**  
Rathanaksambath Ly, Ministry of Public Works and Transport, Cambodia  
Morrakot Raweeewan, School of Management Technology, Sirindhorn International Institute of Technology, Thammasat University, Thailand
  
- 93     **A Systems Study on Interprofessional Collaboration in Healthcare: Testing the Japanese Version of the Assessment of Interprofessional Team Collaboration Scale II**  
Hironobu Matsushita, Tokyo University of Information Sciences, Japan  
Carole Orchard, Arthur Labott Family School of Nursing, Western University, Canada  
Katsumi Fujitani, Bunkyo Gakuin University, Japan  
Kaori Ichikawa, Tokyo University of Information Sciences, Japan

### COPYRIGHT

The **International Journal of Knowledge and Systems Science (IJKSS)** (ISSN 1947-8208; eISSN 1947-8216), Copyright © 2021 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 Knowledge and Systems Science* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; SCOPUS; The Standard Periodical Directory; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)