ISSN: 2150-8402 Volume 10, Number 2, May 2018

Scientific Research Publishing

Journal of Intelligent Learning Systems and Applications

ISSN: 2150-8402

www.scirp.org/journal/jilsa

Journal Editorial Board

ISSN Print: 2150-8402 ISSN Online: 2150-8410
http://www.scirp.org/journal/jilsa

Editors-in-Chief

Dr. Steve S. H. Ling	University of Technology Sydney, Australia
Prof. Xin Xu	National University of Defense Technology, China

Editorial Advisory Board

Prof. Haibo He	University of Rhode Island, USA
Prof. Rob Law	Hong Kong Polytechnic University, China
Prof. Yi Pan	Georgia State University, USA

Editorial Board (According to Alphabet)

Prof. Tao Ban	National Institute of Information and Communications Technology, Japan
Prof. Mokhtar Beldjehem	University of Ottawa, Canada
Dr. Vitoantonio Bevilacqua	Polytechnic of Bari, Italy
Dr. Rifai Chai	University of Technology, Sydney, Australia
Dr. Kit Yan Chan	Curtin University, Australia
Dr. Peng Chen	Chinese Academy of Sciences, China
Prof. Hengda Cheng	Utah State University, USA
Dr. Ying Guo	Commonwealth Scientific and Industrial Research Organization, Australia
Prof. Kao-Shing Hwang	National Sun Yat-sen University, Chinese Taipei
Dr. Frank Jiang	University of New South Wales, Australia
Dr. Michail G. Lagoudakis	Technical University of Crete, Greece
Dr. Hak-Keung Lam	King's College London, UK
Prof. Shutao Li	Hunan University, China
Prof. Yiguang Liu	Sichuan University, China
Prof. Kin Huat Low	Nanyang Technological University, Singapore
Dr. Vincenzo Pacelli	University of Foggia, Italy
Prof. George Panayiotakis	University of Patras, Greece
Prof. Yong Qin	Beijing Jiaotong University, China
Dr. Phyo Phyo San	Nanyang Technological University, Singapore
Prof. Steven Weidong Su	University of Technology Sydney, Australia
Prof. Theodore B. Trafalis	The University of Oklahoma, USA
Dr. Jue Wang	Chinese Academy of Sciences, China
Prof. Xuesong Wang	China University of Mining and Technology, China
Prof. Simon X. Yang	University of Guelph, Canada
Prof. Shi Ying	Wuhan University, China
Dr. Yudong Zhang	Columbia University, USA
Dr. Yi Zhao	Harbin Institute of Technology Shenzhen Graduate School, China
Prof. Wei Zhong	University of South Carolina Upstate, USA
Prof. Dingxuan Zhou	City University of Hong Kong, China
Prof. Antanas Zilinskas	Institute of Mathematics and Informatics, Lithuania

Journal of Intelligent Learning Systems and Applications, 2018, 10, 21-79
http://www.scirp.org/journal/jilsa
ISSN Online: 2150-8410
ISSN Print: 2150-8402

Table of Contents

Volume 10 Number 2 May 2018

Interval-Based Out-of-Order Event Processing in Intelligent Manufacturing

C. J. Zhou, P. F. Dai, Z. X. Zhang, T. Liu……21

Fuzzy Rules to Improve Traffic Light Decisions in Urban Roads

J. A. Castán Rocha, S. Ibarra Martínez, J. Laria Menchaca, J. D. Terán Villanueva, M. G. Treviño Berrones, J. Pérez Cobos, D. Uribe Agundis……36

Prediction Distortion in Monte Carlo Tree Search and an Improved Algorithm

W. Li……46

Journal of Intelligent Learning Systems and Applications (JILSA)
Journal Information

SUBSCRIPTIONS

The *Journal of Intelligent Learning Systems and Applications* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:
Print: $89 per copy.
To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements
Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)
Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.
E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:
Copyright © 2018 by Scientific Research Publishing Inc.
This work is licensed under the Creative Commons Attribution International License (CC BY).
http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:
Copyright © 2018 by author(s) and Scientific Research Publishing Inc.

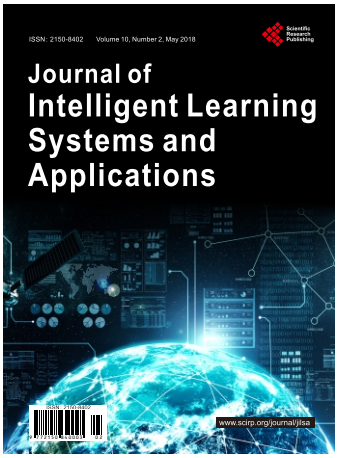
Reuse rights for individual papers:
Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:
E-mail: jilsa@scirp.org

Call for Papers



Journal of Intelligent Learning Systems and Applications

ISSN Print: 2150-8402 ISSN Online: 2150-8410

http://www.scirp.org/journal/jilsa

The ***Journal of Intelligent Learning Systems and Applications*** **(JILSA)** is a peer reviewed international journal with a key objective to provide the academic and industrial community a medium for presenting original cutting-edge research related to intelligent learning systems and their applications. JILSA invites authors to submit their original and unpublished work that communicates current research on intelligent learning systems both in the theoretical and methodological aspects, as well as various applications in real-world applications.

Papers are invited on the topics including, but not limited to:

- Approximate Dynamic Programming
- Autonomic Computing
- Autonomous Learning Systems
- Bio-Inspired Learning Method
- Clustering
- Cyber-Physical Systems
- Evolutionary Computation
- Filter Bank
- Fuzzy and Rough Set
- General Theory on Intelligent Learning Systems
- Intelligent Applications
- Learning Control Systems
- Multi-Agent Learning
- Multiple Models Strategy
- Neural Networks
- Pattern Recognition Based on Learning Techniques
- Predictive Control
- Recommendation System
- Reinforcement Learning
- Robotics
- Smart Grid Techniques and Applications
- Social Network Analysis
- Statistical Learning Theory
- Supervised Learning
- Time-Frequency Representation
- Unsupervised Learning
- User Behavior Modelling
- Wavelet Theory

Editors-in-Chief

Dr. Steve S. H. Ling — University of Technology Sydney, Australia

Prof. Xin Xu — National University of Defense Technology, China

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

http://www.scirp.org/journal/jilsa **E-Mail: jilsa@scirp.org**