IJCIS Special Issue on Computational Intelligence and Data Science for Decision Making in Industrial Engineering

Aims and Scope

This special issue of the International Journal of Computational Intelligence Systems (IJ CIS) aims to address recent developments and empirical studies of Computational Intelligence and Data Science (CIDS) in the related topics and to examine research issues concerned with quantitative and other modelling techniques to improve the decision quality and management effectiveness for manufacturing and service industries. We are seeking papers that present new research contributions in CIDS field, preferably illustrated by real world examples. Papers for this Special Issue must make a substantial new contribution, and the authors must explicitly show the scientific advances compared to the previously published research literature. Topics of interests to be considered include, but are not limited to:

- Computational Intelligence and Data Science for Industrial Engineering
- Data Science and Machine Learning for Smart Production
- Empirical Studies of Big Data Analytics and Computational Intelligence
- Advanced Process Control & Equipment Control
- Business Analytics and Optimization
- e-Manufacturing and e-Diagnosis
- Engineering Data Analysis and Data Mining for Yield Enhancement
- Internet of things (IOT), Sensor, Mobile and Wireless Applications
- Intelligent Corporate Resource Planning & Allocation
- Modelling & Decision Analysis for Industrial Engineering
- Predictive Maintenance and Tool Health Management
- Pattern recognition and image processing

Submission Guidelines

Submitted papers should be submitted via E-mail: drl@tju.edu.cn. They should be accompanied by a cover letter that clearly states that the submission is for the Special Issue on “Computational Intelligence and Data Science (CIDS)”. All submitted papers will be in the English language and each paper should not be more than 8 pages. The submitted papers should be formatted according to the IJCIS journal style. For more detailed information concerning the requirements for submission, please refer to the journal homepage at: http://www.atlantis-press.com/publications/ijcis/.

Publishing and Fee

The accepted papers will be published in the IJCIS Journal as a Special Issue to be published as an e-supplement to the journal. The Special Issue is to be published in volume 9 of IJCIS (2017). The final and accepted papers should be with the Publisher by 2nd quarter 2017.

Papers will be published as Open Access articles so that they are immediately available for free for any interested reader. For having an article published as an Open Access article, a processing fee is requested. But few papers highly recommend by the guest editors, which entitle the authors to a discount.

Important Dates

- Paper submission due date: Sep. 30, 2016
- 1st round review notification: Nov. 31, 2016
- 1st revision due: Dec. 31, 2016
- 2nd round review notification: Jan. 01, 2017
- 2nd revision due: Jan. 15, 2017
- Final acceptance: Feb. 15, 2017
- Publication (tentative): 2nd quarter, 2017

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