
Editorial

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Biographical notes: N.T. Nguyen currently works as a Professor of Computer Science. His scientific interests consist of intelligent technologies for conflict resolution, inconsistent knowledge processing and e-learning methods. He has edited five special issues in international journals and two books. He is the author of three monographs and about 120 other publications. He serves as Editor-in-Chief of *International Journal of Intelligent Information and Database Systems*, Associate Editor of *International Journal of Computer Science & Applications*; *Journal of Information Knowledge System Management* and *KES Journal* and a member of Editorial Boards of several other international journals. He has been a chair, co-chair for several international conferences in CS.

Dear Colleagues,

It is my honour to present the inaugural issue of the *International Journal of Intelligent Information and Database Systems* (IJIDS), published by Inderscience Publishers. The issue consists of five research papers on *Intelligent Information Systems and Database Systems*.

The issue starts with a paper by Tokuro Matsuo, Takayuki Ito and Toramatsu Shintani. In the paper, a model is presented to detect the shill-biddable allocations in combinatorial auctions. The model is based on a winning bidders approach and can substantially reduce the computational costs. The next paper is by Bhanu Prasad. It presents a knowledge-based product recommendation system for business-to-customer e-commerce. The system is based on a combination of case-based reasoning plan recognition approaches and automated collaborative filtering approaches. The third paper of the issue is by Niklas Lavesson and Paul Davidsson. This paper presents the analysis of several evaluation methods for learning algorithms and classifiers and presents an evaluation method taxonomy to discriminate between these methods. A formal framework for enabling the description of these methods using a unified terminology is also proposed. The next paper is by František Čapkovič. It presents a formal approach for modelling and controlling a specific type of discrete-event systems. The approach utilises an important aspect related to the assembly and/or disassembly processes in flexible manufacturing systems and multi-agent systems. In the last paper, Martin Tabakov presents a new method for medical image segmentation by using the fuzzification of input space and by applying some fuzzy similarity relations. This method is based on fuzzy sets and systems and it also introduced an algorithm for automated segmentation of computed tomography images.

IJIDS strives to cover all aspects of intelligent technology applications for information processing, data processing and databases. Papers highlighting the advances in intelligent information systems and intelligent database technologies for solving problems in management, industry, engineering, administration, education, etc. are welcome. We welcome the submission of evaluation studies of the existing intelligent systems and tools that emphasise the comparative studies and user experiences.

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