



Call for Papers



Special Issue

Intelligent Computing in Data Engineering and Pattern Recognition

The theme will address advances in theories, concepts (mathematical as well as physical) and methodologies of artificial intelligence, soft computing & machine learning where they could be applied to domain of data engineering and pattern recognitions. The purpose of this special issue is to publish high-quality research papers as well as review articles addressing recent advances on computational intelligence and its application in engineering mainly focused to data mining, image processing, medical data processing, computer vision.

Subject Coverage

Suitable topics include, but are not limited to, the following:

Algorithms

- Evolutionary Computation
- Swarm Intelligence
- Artificial Neural Networks
- Membrane Computing
- Biological Computing (Bio-inspired computing)
- Artificial Immune Systems
- Autonomy-Oriented Computing
- Agent based Systems
- Computational Neuroscience
- Fuzzy Systems
- Genetic Algorithms
- Hybrid Systems
- Multi-/Many-Objective Optimization

Applications

- Computational Neuroscience
- Pattern Recognition and Machine Learning
- Signal, Image and Video Processing
- Speech Processing
- Data Fusion
- Knowledge Discovery and Data Mining
- Expert Systems
- Computer Vision
- Robotic vision systems

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Notes for Prospective Authors

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Manuscript should be submitted **online** ONLY at <http://www.editorialmanager.com/ajse/>.

You are kindly requested to select during the online submission the following:

Article Type: COE-2017
Section/Category: ENG-COE-Special Issue

PROCESSING OF MANUSCRIPTS

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere.

All submissions will be checked for originality using “iThenticate”. No copied materials from any published sources, including the authors’ publications, are allowed in the new submissions.

All manuscripts will undergo the regular peer review process; acceptance for publication will be based on two positive review reports and the positive report of the editor.

ONLINE PUBLICATION OF THE SPECIAL ISSUE

The accepted papers in the Special Issue will be published online in 2017.

SUBMISSION DEADLINE

Authors should submit online their papers by **March 31, 2017**.

For more information please visit the AJSE websites: <http://www.springer.com/engineering/journal/13369>

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