Advanced Electronics and Digital Signal Processing

Guest Editors:

Prof. Dr. Chia-Hung Lin

Prof. Dr. Neng-Sheng Pai

Prof. Dr. Chao-Lin Kuo

Prof. Dr. Chang-Hua Lien

Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

In recent years, digital processing techniques have played a noteworthy role in the development of digital health, information systems, and smart management systems. The scope of interest for the proposed Special Issue includes, but is not limited to:

Medical image and signal processing with intelligent and fuzzy methods;
Automated visual inspection in medical images and signals;
Fractional-order calculus for image and signal processing;
Handwriting, face, and gesture recognition with intelligent and fuzzy methods;
Video and image analysis with intelligent and fuzzy methods;
Fault detection in smart manufacturing management system;
Visual inspection or search in smart manufacturing management system;
Smart management system with specific hardware and/or software techniques;
Chaotic synchronous communication and chaotic system for document and image encryption and decryption;
Deep learning and machine learning method with the evolutionary computation for above-mentioned topics.

Prof. Dr. Chia-Hung Lin
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Guest Editors

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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