International Journal of Signal Processing, Image Processing and Pattern Recognition

Vol. 1 No. 1
December 2008

Editors-in-Chief of the IJSIP

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Foreword of the Special Issue
Advanced Technology in
Signal Processing, Image Processing and Pattern Recognition

We are very happy to publish this special issue of the International Journal of Signal Processing, Image Processing and Pattern Recognition (IJSIP) published by Science & Engineering Research Support Center (SERSC).

This special issue contains 8 articles among totally 205 papers submitted to the post-submission-system of next conferences:

2008 Future Generation Communication and Networking (FGCN 2008)
2008 Advanced Software Engineering & Its Applications (ASEA 2008)
2008 Security Technology (SecTech 2008)
2008 Bio-Science and Bio-Technology (BSBT 2008)

The great success of these conferences would not have been possible without the huge support from our organizers and sponsors, and the work of our chairs and International Advisory Board members.

And we would like to give special thanks to the conference organizers and supporters; KIIT, SSST, SERSC, ECSIS, ACS and CEECS-NIU.

December, 2008

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Guest Editors of the Special Issue on
Advanced Technology in
Signal Processing, Image Processing and Pattern Recognition
Editor-in-Chief of the IJSIP Journal

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General Information of IJSIP

Bibliographic Information
- ISSN: 2005-4254
- Publisher: Science & Engineering Research Support Center, Korea

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Journal Aims

Our Journal provides a chance for academic and industry professionals to discuss recent progress in the area of Signal Processing, Image Processing and Pattern Recognition.

Journal Topics

IJSIP aims to facilitate and support research related to signal processing, image processing and pattern recognition technology and the applications.

The topics covered by IJSIP include the following:-

- 3D and Stereo Imaging
- Analog and Mixed Signal Processing
- Array Signal Processing
• Audio/Speech Processing and Coding
• Biomedical Imaging Applications
• Biometrics and Pattern Recognition
• Cognitive and Biologically-inspired Vision
• Communication Signal Processing
• Computer Vision & VR
• Constraint processing
• Digital Signal Processing
• Distributed Source Coding
• Document Recognition
• DSP Implementation and Embedded Systems
• Face and Gesture
• Hardware Implementation for Signal Processing
• Higher Order Spectral Analysis
• Illumination and Reflectance Modeling
• Image and Video Retrieval
• Image Processing & Understanding
• Image-Based Modeling
• Internet Signal Processing
• Motion and Tracking Stereo and Structure from Motion
• Multidimensional Signal Processing
• Multi-view Geometry
• Object Detection, Recognition and Categorization
• Pattern Recognition in New Modalities
• PDE for Image Processing
• Performance Evaluation
• Remote Sensing
• Segmentation
• Sensor Array and Multi-channel Processing
• Shape Representation
• Signal Processing Education
• Speech, Audio and Music Processing
Statistic Learning & Pattern Recognition
Text processing
Video Analysis and Event Recognition
Video compression & Streaming
Video Surveillance and Monitoring

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