

*Fourth International Conference on Genetic and Evolutionary Computing  
(ICGEC-2010)*

*December 13-15, 2010, Shenzhen, China*

**Call for Paper**

**Invited Session on Intelligent Computation for Signal and  
Image Processing**

**Session Organizer: Asso. Prof. Chih-Yu Hsu**

We are organizing an invited session on Intelligent Computation for Signal and Image Processing for ICGEC-2010, which will be held in Shenzhen, China on December 13-15, 2010. This session deals with new intelligent computing technologies and application for signal and image processing. Topics of interest include, but are not limited to:

1. Analog and digital signal processing
2. Statistical signal processing
3. Multi-rate and wavelet signal processing
4. Adaptive signal processing
5. Spectral analysis & Time-frequency signal analysis
6. Speech & language processing
7. Biomedical signal analysis
8. Intelligent signal processing
9. Multi-dimensional signal processing
10. Signal processing applications
11. Other topics in signal processing
12. Image enhancement & noise filtering
13. Image restoration
14. Feature extraction
15. Multi-resolution processing and wavelets
16. Morphological image processing
17. Color image processing
18. Watermarking & authentication
19. Image segmentation
20. Motion analysis & tracking
21. Neural networks and fuzzy processing
22. Content-based retrieval

23. Computer and machine vision
24. Pattern recognition
25. Remote sensing and processing applications;
26. Other topics in image processing

**Submissions:**

Papers are invited from prospective authors with interest on the related areas. Each paper should follow the IEEE format with title, author's names, affiliation, email addresses, an up to 150-words abstract, and a two-column body with 4 single-spaced pages and with font size at 10 pts. All papers must be submitted electronically in PDF format only and be mailed to: **Asso. Prof. Chih-Yu Hsu** at [tcnchsu@gmail.com](mailto:tcnchsu@gmail.com)

**Important Dates:**

Deadline for paper submission: July 25<sup>th</sup>, 2010

Notification of acceptance: August 20<sup>th</sup>, 2010

Deadline for camera-ready manuscript submission: September 10<sup>th</sup> 2010

**For more information please contact:**

Asso. Prof. Chih-Yu Hsu

Department of Information and Communication Engineering

ChaoYang University of Technology

168 Jifeng E. Rd., Wufeng, Taichung County, 41349, Taiwan

Tel: +886-4-23323000 ext. 7802

Fax: +886-4-23305539

E-mail: [tcnchsu@gmail.com](mailto:tcnchsu@gmail.com)