



2008 International Congress on Image and Signal Processing

27 - 30 May 2008, Sanya, Hainan, China

<http://www.tjut.edu.cn/CISP2008>

Call for Papers and Invited Session Proposals

The 2008 International Congress on Image and Signal Processing (CISP2008) will be held from 27 to 30 May 2008 in Sanya, Hainan, China. The aim of CISP2008 is to bring together researchers working in many different areas of image and signal processing to foster exchange of new ideas and to promote international collaborations. **The CISP2008 proceedings will be published by the IEEE and will be indexed in both EI and ISTP. Selected good papers will be recommended for publication in SCI/SCI-E indexed international journals.** Keynote speakers include Professor Maciej Ogorzalek, President-Elect, IEEE Circuits and Systems Society, Editor-in-Chief, IEEE Circuits and Systems Magazine, IEEE Fellow; Dr. Roderic Pettigrew, Director of National Institute of Biomedical Imaging and Bioengineering (NIBIB), USA; Professor Jing Bai, IEEE Fellow. CISP2008 will be co-located with the 2008 International Conference on BioMedical Engineering and Informatics (BMEI2008): <http://www.tjut.edu.cn/BMEI2008>), in order to promote cross-fertilization between the broad areas of biomedical engineering and signal processing.

Topics of interest include but are not limited to:

A. Image and Video Processing

Coding and transmission
Image enhancement & noise filtering
Image representation and transforms
Image restoration
Feature extraction
Multi-resolution processing and wavelets
Morphological image processing
Color image processing
Watermarking & authentication
Interpolation & super-resolution
Geometric transformations
Image segmentation
Motion analysis & tracking
Neural networks and fuzzy processing
Image and video databases
Content-based retrieval

Computer and machine vision
Pattern recognition
Imaging techniques & 3D imaging
Remote sensing
Image quality assessment
Sampling and quantization
Scanning
Color reproduction and halftoning
Volume and surface rendering
Display systems and printing
Forensics & security
Applications

B. Signal Processing

Analog and digital signal processing
Signal representation and transforms
Statistical signal processing

Filter design & digital filters
Multi-rate and wavelet signal processing
Coding techniques
Adaptive signal processing
Spectral analysis
Time-frequency signal analysis
Speech & language processing
Signal modeling, identification & prediction
System identification
Biomedical signal analysis
Design and implementation of DSP systems
Software development
Intelligent signal processing
Acoustics
Multi-dimensional signal processing
Sensor array and multi-channel systems
Applications

Organizing Committee		Important Dates
General Co-Chairs	Hua Zhang, Tianjin University of Technology, China	Submissions and Invited Session Proposals: 1 December 40 November 2007 Acceptance Notifications: 15 December 2007 Final Versions / Author Registration: 15 January 2008 Conference: 28-30 May 2008
Program Committee Co-Chairs	Dongguang Li, Edith Cowan University, Australia Guang Deng, Latrobe University, Australia	
Local Arrangement Chair	Yuanquan Wang, Tianjin University of Technology, China Huaibin Wang, Tianjin University of Technology, China	
Proceedings Chair	Xianbin Wen, Tianjin University of Technology, China	
Publicity Co-Chairs	Tim Kovacs, University of Bristol, UK	
Sponsorship Chair	Pengtao Wang, Tianjin University of Technology, China	
General Inquiries	cisp2008@tjut.edu.cn	

CISP2008 calls for research papers that report original techniques and approaches, new results and system developments in exciting and dynamic fields of image and signal processing. Prospective authors are invited to submit manuscripts written in English. All submissions will be peer-reviewed by experts in the field based on originality, significance, quality and clarity. Authors should use the Latex style files or MS-Word templates obtained from the conference site to format their papers. Authors should submit pdf files of their manuscripts via the [online submission system](#). One Best Paper Award and one Best Student Best Paper will honor the author(s) of papers of exceptional merit dealing with a challenging subject related to the conference technical scope. The prize shall be \$150 per paper and a certificate to be issued.

ABOUT SANYA

Sanya is one of China's premier tourist destinations, with white-sand beaches, charming scenery, hot-springs, and popular activities such as scuba-diving and rafting. More than 20 ethnic groups, including Han, Li, Miao, and Hui, inhabit Sanya and make Sanya a wonderful place to appreciate the various cultures of China.

INVITED SESSIONS

To promote international participation of researchers from outside the country/region where the conference is held (i.e., China), foreign experts are encouraged to propose invited sessions. Each invited session should have at least 4 papers. Invited session organizers will solicit submissions, conduct reviews and recommend accept/reject decisions on the submitted papers. All invited session organizers will be acknowledged in the conference proceedings. Each invited session proposal should include the following information: (1) the name(s) and contact information of invited session organizer(s); (2) the title and a short synopsis of the invited session. Please send your proposal to the respective Program Co-Chair: Dongguang Li (Image/video processing); Guang Deng (Signal processing).

