



First Announcement and Call for Papers



**JOINT IAPR INTERNATIONAL WORKSHOPS ON
Structural and Syntactic Pattern Recognition (SSPR 2006)
and
Statistical Techniques in Pattern Recognition (SPR 2006)**

August 17-19, 2006 -- Hong Kong, China

<http://www.ssspr.org/2006/>

A Satellite Event of the International Conference of Pattern Recognition: ICPR 2006

Aim of the Workshops

The International Association for Pattern Recognition (IAPR) and its Technical Committees on Statistical Pattern Recognition (TC1) and Structural and Syntactical Pattern Recognition (TC2) will organize the next joint workshops at the Hong Kong University of Science and Technology (HKUST) prior to ICPR 2006 which will also be held in Hong Kong. The joint workshops aim at promoting interaction and collaboration not only among researchers working directly in areas covered by TC1 and TC2 but also among those in other fields who use statistical, structural or syntactical techniques extensively. We welcome mathematicians, statisticians, researchers in machine learning and practitioners alike who, at present, work outside the pattern recognition community.

Topics of interest cover all aspects of the major paradigms of pattern recognition, including, but are not limited to:

SSPR Topics

Structural matching
Syntactic pattern recognition
Image understanding
Shape analysis
Graphical models
Graph-based methods
Spectral methods for graph-based representations
Probabilistic and stochastic structural models for PR
Structural learning in spatial or spatio-temporal signals
Kernel methods for structured data
Image and video analysis
Intelligent sensing systems
Spatio-temporal pattern recognition
SSPR methods in computer vision
Multimedia signal analysis
Image document analysis
Structured text analysis and understanding
Novel applications

SPR Topics

Density estimation
Large margin classifiers
Kernel methods
Ensemble methods and multiple classifiers
Bayesian methods
Gaussian processes
Dimensionality reduction
Independent component analysis
Cluster analysis and unsupervised learning
Data visualization
Semi-supervised learning
Model selection
Hybrid methods
Comparative studies
Speech and image analysis
Novel applications

Format of the Workshops

The workshops will comprise of invited talks, oral and poster presentations, and panel discussions. In addition, the SSPR workshop will have a special session called Graph Based Methods in Structural Pattern Recognition co-organized by the Technical Committee on Graph Based Representations (TC15). Accepted papers will appear in the proceedings which will be published by Springer in the Lecture Notes in Computer Science series (www.springeronline.com/lncs), and will be distributed to all participants during the workshops.

Submission of Papers

Papers for both workshops should describe original and unpublished work related to the topic areas of SPR, SSSPR or closely related ones. Full papers may be up to 9 A4 pages long and prepared according to the layout of Springer. All manuscripts will be reviewed by at least two members of the program committee. Instructions for preparation and electronic submission of full papers are available at the workshops website.

Advisory Committee

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Important Dates

Electronic submission of papers:
Notification of acceptance:
Submission of camera-ready papers:
Author/early registration:

February 17, 2006
April 13, 2006
April 28, 2006
May 1, 2006

Contact Information

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