



## Soft Computing in Image Processing and Computer Vision ISVC 2008 Special Track

Soft Computing is an emerging field comprising techniques such as fuzzy logic, neural computing, evolutionary computation, and machine learning. The intention of this special track is to provide a forum for current state-of-the-art approaches of soft computing techniques in image processing, computer vision and related applications.

### Topics

Papers presenting original research of soft computing techniques and applications in the field of image processing and computer vision are sought. Topics include, but are not limited to, soft computing in:

- Image formation
- Image retrieval
- Image segmentation
- Image quality
- Video processing
- 3-D processing
- Physics-based vision
- Medical Imaging
- Image analysis
- Image registration
- Image coding and transmission
- Feature extraction
- Recognition
- Shape-from-X
- Scene understanding
- Applications

### Important dates

Submission of papers: July 21, 2008  
Notification of acceptance: September 1, 2008  
Submission of final papers: September 15, 2008

### Paper submission

Only original, high-quality papers, in-line with the ISVC 2008 standard guidelines will be considered for publication in this special track. Prospective authors should submit electronically their contributions through the ISVC 2008 website (<http://www.isvc.net>). Accepted papers will appear in the Symposium Proceedings which are to be published in Springer's Lecture Notes in Computer Science (LNCS) series.

### Organisers

Gerald Schaefer, Aston University, [G.Schaefer@aston.ac.uk](mailto:G.Schaefer@aston.ac.uk)  
Mike Nachttegaal, Ghent University, [Mike.Nachttegaal@ugent.be](mailto:Mike.Nachttegaal@ugent.be)  
Aboul-Ella Hassanien, Cairo University, [abo@cba.edu.kw](mailto:abo@cba.edu.kw)