Sixth International Conference on Genetic and Evolutionary Computing
(ICGEC-2012)
August 25–28, 2012, Kitakyushu, Japan

Call for Paper

ICGEC-2012-IS20
Invited Session on Evolutionary Computation in Vision, Image, and Signal Processing
Session Organizer: Prof. Chih-Hung Wu

Description: The analysis of vision, image, and signal (VISP) processing plays an ever increasing role in many engineering applications. However, a lot of computing resources are needed in VISP. Recently, methods for VISP based on Evolutionary Computation (EC) and Machine-Learning (ML) have being received a lot of attentions. This session focuses on the state-of-the-art in the development and applications of EC and ML methods in VISP. Researchers are encouraged to submit papers to present their work related to this theme. Submissions will be evaluated on the basis of their innovation, relevance, scientific contribution, and presentation.

Topics of interest mainly include, but are not limited to:

- Remote Sensing and Satellite Images Analysis and Processing
- Image Filtering on Evolvable Hardware
- Computer Vision on Robotics
- Image-based Security

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