

2nd KES International Symposium
on
Intelligent Decision Technologies
IDT'10

Venue: Inner Harbor, Baltimore, Maryland, USA
28-30 July 2010

Web site : <http://idt-10.kesinternational.org>

Invited Sessions

Please fill and return this form to:

gwren@loyola.edu; or

Lakhmi.jain@unisa.edu.au

Title of Session: Optimization-based Intelligent Techniques in Image Processing
Name of Chair: Robert Cierniak (Czestochowa University of Technology, Poland)
Name of Co-Chairs:
Description: Optimization is a very appealing and important intelligent computing area. Recently, many novel optimization methodologies based on intelligent techniques has been presented. One of the more attractive research field for these methodologies is image processing, in particular in such problems as: image enhancement, image restoration, image analysis and computer vision, image depth analysis, image compression, image reconstruction from projections, etc. Some properties of intelligent computing systems, for example ability to learn and to work parallel, makes these systems competitive tools comparing with to traditional techniques of image processing (usually based on transformation methods). These properties are worth to emphasize regarding huge scale of information to process connected with large number of pixels in the considered real-life images. The main goal of this invited session is to provide an open place which would allow researchers to discuss recent practical solutions of optimization-based intelligent methods for image processing.
Website URL (if any):
Email & Contact Details: cierniak@kik.pcz.czest.pl