

2011 IEEE International Conference on Fuzzy Systems  
Grand Hyatt Taipei, Taipei, Taiwan

# Call for Papers

## **Special Session on Fuzzy Logic Based Computer Vision and Its Applications to Guidance and Control (SS37)**

Submission Deadline: January 15, 2011

Fuzzy set theory is useful and important for engineering applications. Systems of high complexity are hardly to control by traditional control technologies. Also, sensors always play very important roles on guidance and control problems. A good sensor can provide correct and precise state information for the control system. Image is one of the possible sensing techniques. It can assist the existing sensor such GPS or others. If the performance is acceptable with image guiding, image could be a low cost sensor.

The aim of this special session is to provide an opportunity for researchers to share their works and have a discussion in this area. Topics of interest include, but are not limited to:

- Fuzzy logic based computer vision
- Fuzzy logic based image processing
- Control applications of fuzzy logic based computer vision
- Guiding applications of fuzzy logic based computer vision
- Positioning applications of fuzzy logic based computer vision

Papers are invited from prospective authors with interest on the related areas.

Session Organizer:

Kuo-Hsien Hsia

Associate professor

Department of Management Information Systems

Far East University

E-mail: [khhsia@cc.feu.edu.tw](mailto:khhsia@cc.feu.edu.tw)

Phone: +886-6-5979566#5862, +886-932978324

Address: 49, Chung-Hwa Rd., Hsin-Shih, Tainan 74448, Taiwan R.O.C.