



2nd Workshop on **REcognition and ACTION** **for Scene understanding**

Friday, August 30, 2013. *Kings Manor* at York, UK
www.reacts2013.uma.es

Scene Understanding has become a popular topic in Computer Science which combines issues such as attention in cognitive systems, object detection and recognition, global scene recognition and human sensing. Hence, it involves joining efforts and sharing knowledge from different research areas such as Computer Vision, Pattern Recognition, Machine Intelligence, Software Engineering and Cognitive Sciences.

We are introducing the 2nd edition of the **Workshop on Recognition and Action for Scene Understanding** (REACTS) to bridge the theoretic aspects of the computer analysis of images and patterns with their practical applications in this emerging framework.

	Program
09:30-10:30	Brain-inspired computing for machine vision <i>Nicolai Petkov, Rijksuniversiteit Groningen (The Netherlands)</i>
10:30-11:00	Coffee break
11:00-11:30	Towards active image segmentation: the foveal Bounded Irregular Pyramid <i>R. Marfil, E. Antunez, F. Arrebola, A. Bandera, Universidad de Malaga (Spain)</i>
11:30-12:00	Histograms of motion field orientations as a gist descriptor for the prediction of eye movements <i>A. Carbone, T. Baccino, Université Paris 8 (France)</i>
12:00-12:30	Multi-feature bottom-up processing and top-down selection for an object-based visual attention model <i>A. Palomino, R. Marfil, J.P. Bandera, A. Bandera, Universidad de Málaga (Spain)</i>
12:30-14:00	Lunch time
14:00-15:00	Toward life-long learning, adaptation, and adjustability for personalized human-robot interaction <i>Adriana Tapus, ENSTA-ParisTech (France)</i>
15:00-16:00	Poster session and coffee break
16:00-16:30	Action recognition: Spatio-temporal human body region t <i>N. Al Harbi, Y. Gotoh, University of Sheffield (UK)</i>
16:30-17:00	Vision-based Laban motion signatures for person identificat <i>L. Santos, J. Sousa, J. Dias, Universidade de Coimbra (Portuga</i>

65 GBP (75 EUR)
Lunch included

Organizers:

Francisco Escolano, University of Alicante
Jorge Dias, University of Coimbra
Rebeca Marfil, University of Malaga