



Second CALL FOR PAPERS

REACTS 2011 in Malaga, Spain

September 1-2, 2011

<http://www.reacts2011.uma.es>

The Workshop on Recognition and Action for Scene Understanding (REACTS) is an international event which will be held in Malaga, Spain, on September 2011. Scene Understanding has become a popular topic in Computer Science which involves joining efforts and sharing knowledge from different research areas such as Computer Vision, Pattern Recognition, Machine Intelligence, Software Engineering and Cognitive Sciences. This workshop is meant to bring together researchers which address the problem of Scene Understanding from the perspective of the different involved research communities.

REACTS2011 is a satellite event of the 14th International Conference of Computer Analysis of Images and Patterns (CAIP), which will be held in Seville, Spain, on 29-31 August 2011(<http://congreso.us.es/caip2011/>). REACTS2011 is co-sponsored by the University of Malaga, EUCogII and CITIC.

Topics

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The topics of the conference include, but are not limited to:

- perceptual search and attention guidance in scenes,
- multimodal perception,
- spatio-temporal reasoning,
- active spatial exploration,

- object recognition from local features,
- structure for object recognition,
- 3D object recognition,
- object categorization,
- conceptualization and scene classification,
- grammars for objects and scenes,
- objects in context: scenes and objects,
- scene recognition without objects,
- visual localization,
- human behaviour understanding,
- mobile robot navigation: mapping and visual SLAM,
- surveillance,
- smart environments: computational perception of human activities,
- wearable sensors for visually impaired people,
- events and activities detection and understanding in video data...

Invited speakers (incomplete yet)

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Edwin Hancock (The University of York, UK)

Ales Leonardis (University of Ljubljana, SI)

Tamim Asfour (Karlsruhe Institute of Technology, GE)

Ruben Martinez-Cantin (Universidade Tecnica de Lisboa, PT)

Conference Chairs

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Francisco Escolano

University of Alicante, Spain

Jorge Dias

University of Coimbra, Portugal

Antonio Bandera

University of Malaga, Spain

Publication

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The organization is managing to publish accepted papers in the Springer LNCS series.

Authors of best papers will be encouraged to submit a revised version to a forthcoming special issue on Scenes Understanding and Behaviours Analysis of the PATTERN RECOGNITION LETTERS journal.

Important Dates

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Paper submission: March 15, 2011

Author notification: April 30, 2011

Final manuscript due: May 16, 2011