Multi-modal ChaLearn Gesture Recognition Challenge and Workshop
http://gesture.chalearn.org/

ChaLearn organizes in 2013 a challenge and workshop on multi-modal gesture recognition from audio and RGB-D video data in conjunction with the 15th ACM International Conference on Multimodal Interaction (Qualitative and Quantitative competition and workshop on 8-9th December 2013, Sidney, Australia http://icmi.acm.org/2013/). We have already released the training data at:

http://gesture.chalearn.org/mmdata

The challenge features a quantitative evaluation of automatic gesture recognition from a multi-modal dataset recorded with Kinect (providing RGB images of face and body, depth images of face and body, skeleton information, joint orientation and audio sources), including around 14,000 Italian gestures from several users.

The emphasis of this edition of the competition will be on multi-modal automatic learning of a vocabulary of 20 types of Italian anthropological/cultural gestures performed by different users, with the aim of performing user independent continuous gesture recognition combined with audio information.

Additionally, live demos/systems of applications based on multi-modal gesture recognition techniques are invited to be presented during the workshop as well. Also, demos using data from different modalities and different kind of devices are welcome. The deadline of a two-page summary of the live demo proposal is July 15, 2013. The demos will be evaluated in terms of multi-modality, technical quality, and applicability.

Top ranked participants will be awarded and invited to follow the workshop submission guide for inclusion of a description of their system at the ICMI proceedings and submit an extended paper in a special issue on gesture recognition at a high-impact factor journal.

Important Dates for the Quantitative Participation
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Release of Validation Data: June 3, 2013
Release of Test Data: August 1, 2013
End of competition: August 15, 2013
Release of top ranked results: Sept. 1, 2013
Workshop paper submission: Sept. 15, 2013

Important Dates for the Qualitative Participation
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Deadline of a two-page summary of the live demo proposal: July 15, 2013
Acceptance notification of demos for qualitative competition: July 25, 2013
Submission of additional and supplementary information for demos: July 30, 2013
Round 1 evaluation of demos (just for feedback, final evaluation is performed at the first day of the workshop): August 15, 2013

Organizing committee:
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