

Call for Participation

ICFHR 2010 Handwriting Segmentation Contest

<http://www.iit.demokritos.gr/~bgat/HandSegmCont2010/>



in conjunction with the 12th International Conference on Frontiers in Handwriting Recognition – ICFHR 2010, November 16-18, 2010, Kolkata, India

Following the successful organization of the ICDAR2007 & ICDAR2009 Handwriting Segmentation Contest, we are pleased to invite all researchers in the field of off-line Handwriting processing to register and participate in the **ICFHR 2010 Handwriting Segmentation Contest**. The general objective of this contest is to use well established evaluation practices and procedures in order to record recent advances in off-line handwriting segmentation. We plan to create two benchmarking datasets (one for text line detection and one for word detection) and use a common evaluation platform in order to test and compare the submitted algorithms for handwritten document segmentation in realistic circumstances. A training dataset toolkit (the ICDAR2007 & ICDAR2009 Handwriting Segmentation Contest benchmarking datasets along with evaluation software) will be given to all participants just after registering. Datasets will contain B/W handwritten document images produced by many writers in several languages (English, French, German and Greek).

An agreement will be signed by the participants and the organizers in order to protect the Intellectual Property Rights (IPR) of the submitted software. The description of the methods and the evaluation scores will be presented during a dedicated ICFHR 2010 session. A report on the competition will be published in the ICFHR 2010 conference proceedings.

Protocol:

All registered participants is required to submit two executables (one for text line detection and one for word detection) in the form of Win32 console application:

TextLineDetect *arg1 arg2*

WordDetect *arg1 arg2*

arg1: a B/W image

arg2: The output raw image file with the segmentation results (pixel values define the resulting different segmentation regions)

Important Dates:

Registration is open due to **7/5/2010**

Submission of executable due to **14/5/2010**

Note: You may participate in this contest even if you do not plan to attend the ICFHR 2010 conference.

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