9th IAPR - TC15 Workshop on

Graph-based Representations in Pattern Recognition



May 15 - 17, 2013 Vienna, Austria

Call for Papers

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Local Organizing Comittee

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Workshop Website

http://gbr2013.prip. tuwien.ac.at

Contact

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Scope

GbR is a biennial workshop organized by the 15th Technical Committee of IAPR, aimed at encouraging research works in Pattern Recognition and Image Analysis within the graph theory framework. This workshop series traditionally provides a forum for presenting and discussing research results and applications in the intersection of pattern recognition, image analysis on one side and graph theory on the other side. In addition, given the avenue of new structural/graphical models and structural criteria (e.g. belief-propagation, specific graphs under the constellation approach, graph kernels, graph-cuts, dominant sets) for solving computer vision problems, GbR2013 organization encourages researchers in this more general context to actively participate in the workshop. Furthermore, the application of graphs to pattern recognition problems in other fields like computational topology, graphic recognition systems and bioinformatics is also highly welcome at the workshop.

The scope of GbR2013 includes, but is not limited to, the following topics:

Graph matching Graph based image segmentation Irregular (graph) pyramids Graph representation of shapes Graph learning and clustering Graph based learning Graphs vs rigid structures (quadtrees, pyramids)

Graph transformations Data mining with graphs Kernel methods for graphs Belief-propagation methods Graph-cuts methods Graphs in constellation models Graphs in computational topology and bioinformatics

Paper Submission

Papers must be formatted in the LNCS format. Paper submission instructions can be found at the workshop website.

Publication

The Workshop Proceedings will be published in the Springer LNCS series. A Special Issue with selected best papers is planned.

Important Dates

Paper submission: 18.01.2013 Author notification: 22.02.2013 Camera-ready: 08.03.2013 Early registration: 08.03.2013

Invited Speakers

Herbert Edelsbrunner Mario Vento

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