

Iowa Institute *for* Biomedical Imaging

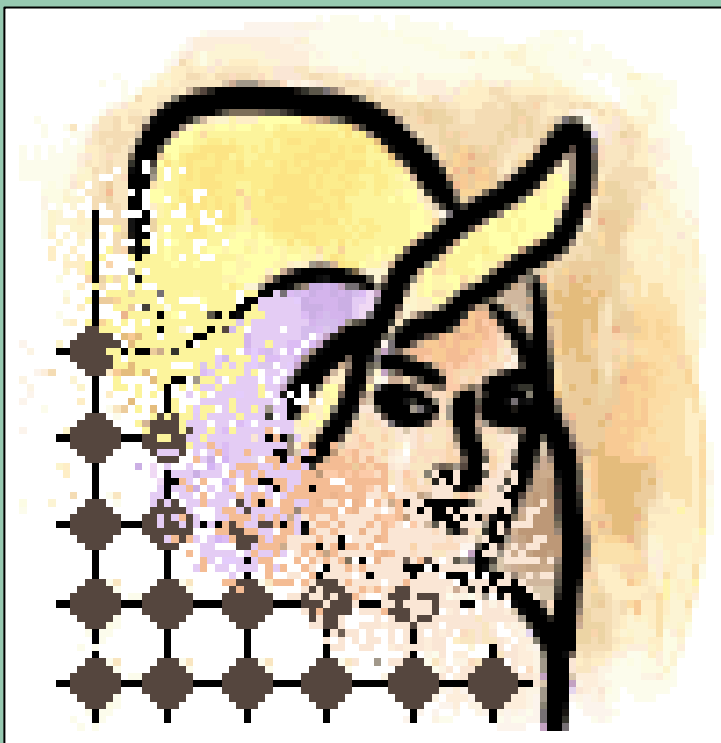
Workshop Series welcomes

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“Graph Cuts vs. Level Sets”



Abstract: Among a multitude of image segmentation methods, the level set method and the graph minimal cut approaches have emerged as two powerful paradigms to compute the segmentation of images. Both methods are based on fundamentally different representations of images. Level sets are formulated as infinite-dimensional optimization on a spatially continuous image domain. The Graph Cuts, on the other hand, are defined as minimal cuts of a discrete graph representing the pixels of the image. In this tutorial, we want to review these two methods, show their strengths and limitations, and bridge the gap between these seemingly very different paradigms.

Friday, April 18, 2008

10am-Noon, 1-3 p.m.

Melrose Conference Center, Rooms 1-2, 5th floor PFP