

# Additional Matting Results

Supplementary material to CVPR 2010 paper  
“A Spatially Varying PSF-based Prior for Alpha Matting ”

**This PDF is not necessary to understand the paper.**

The following slides compare our method with the closed-form matting approach [15] on natural images obtained from various sources (e.g. Flickr) where the ground truth is unknown.

For a fair comparison, we incorporated our segmentation-based prior into the system of [15]. Thus we compute the initial alpha matte with [15]

(i.e. we do *not* use additional color-based data terms of [23])

Hence, the only difference to [15] is the use of our segmentation-based prior.

To generate the image compositions on white or blue background, the foreground colors were computed using the method proposed in [15].



Input image



User trimap (white: foreground; black: background; gray: unknown)



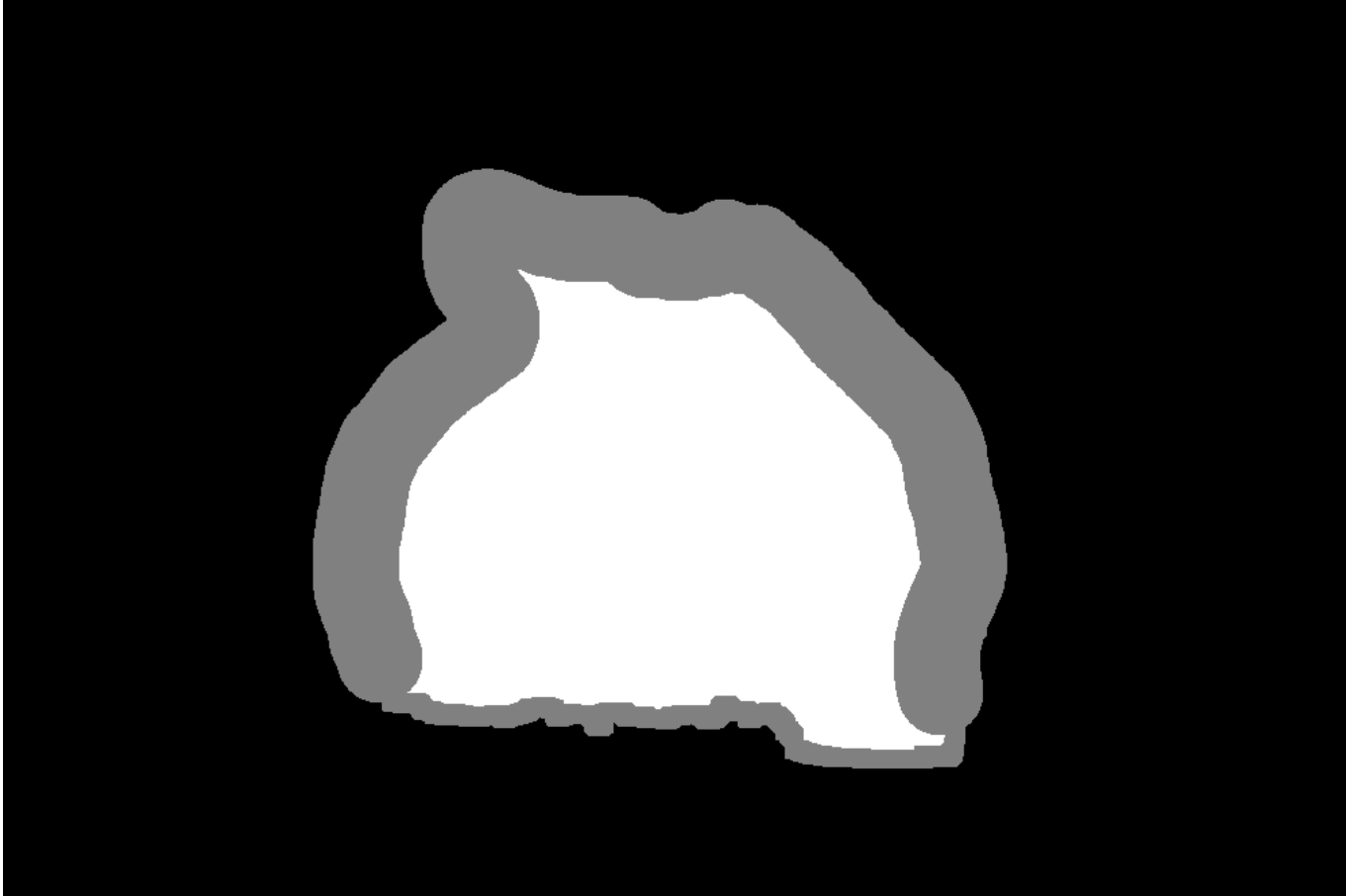
Composite using Levin et al. '06 [15]



Our composite



Input image



User trimap (white: foreground; black: background; gray: unknown)





Composite using Levin et al. '06 [15]



Our composite



Input image



User trimap (white: foreground; black: background; gray: unknown)



Composite using Levin et al. '06 [15]



Our composite



Input image



User trimap (white: foreground; black: background; gray: unknown)





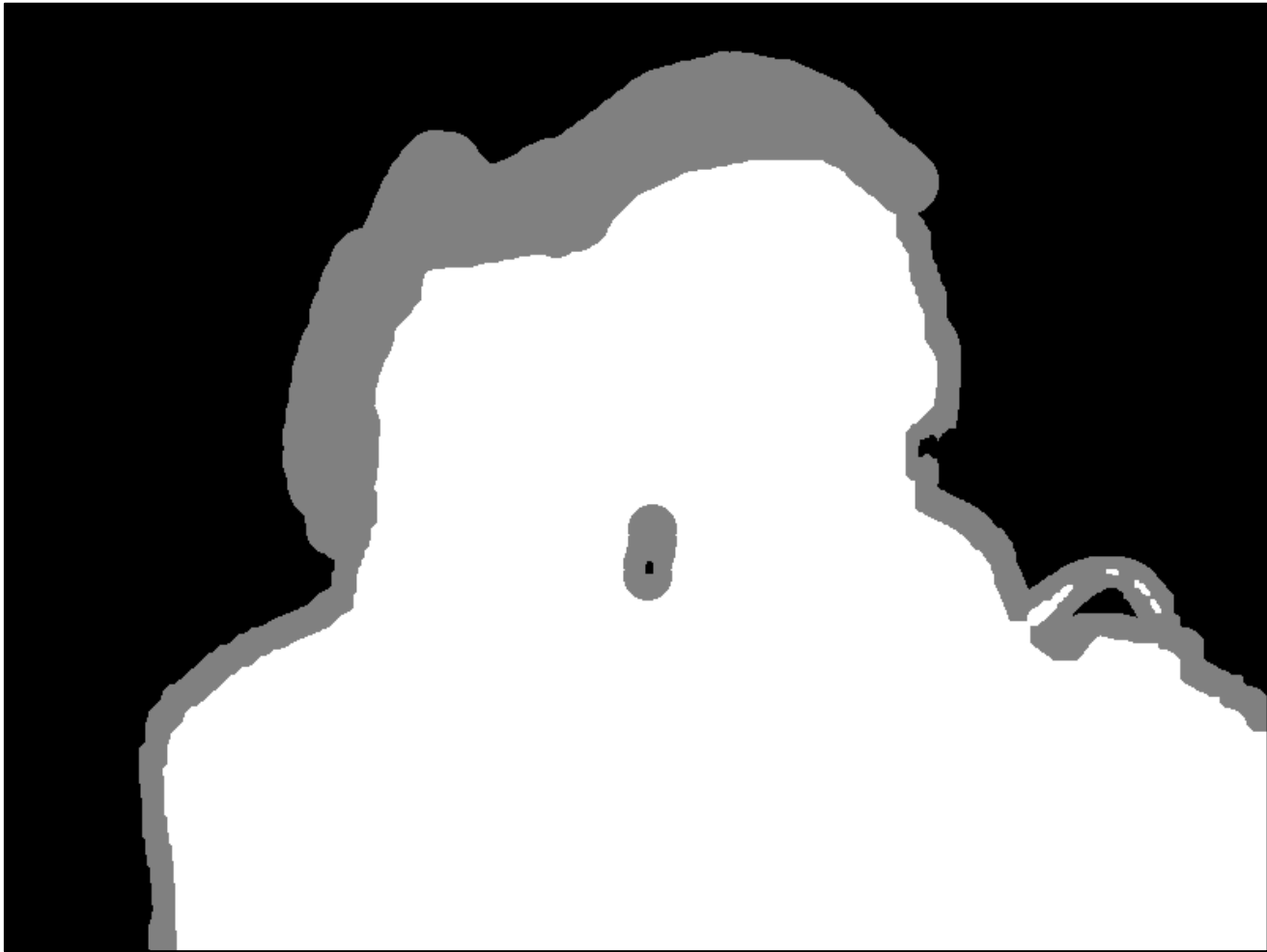
Composite using Levin et al. '06 [15]



Our composite



Input image



User trimap (white: foreground; black: background; gray: unknown)



Composite using Levin et al. '06 [15]





Our composite