

Image Melding supplementary results

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¹ UNM Advanced Graphics Lab, ² Adobe

Use (Page Up/Page Down) to toggle between images!

Single Image Completion



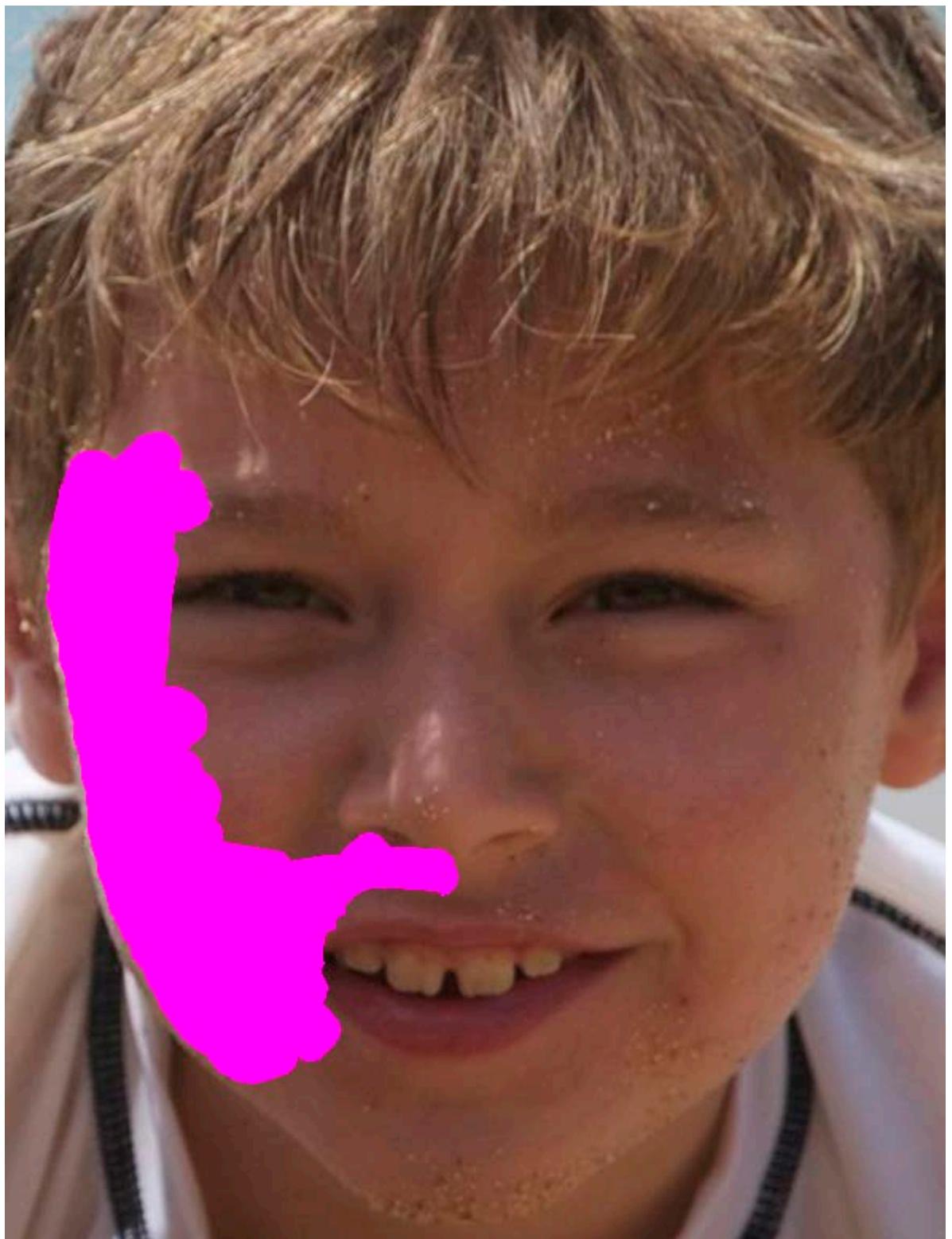
Mask



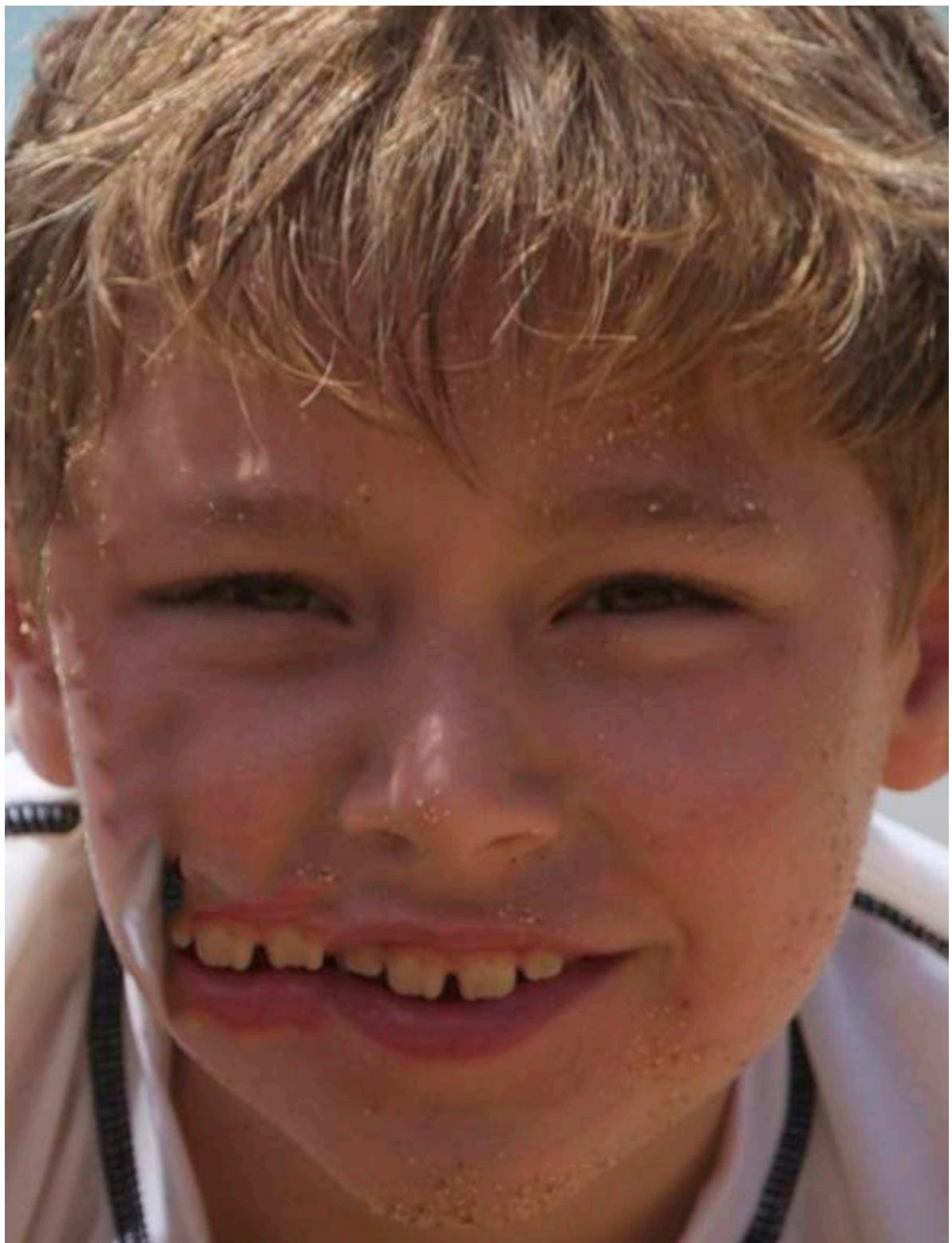
Photoshop CAF



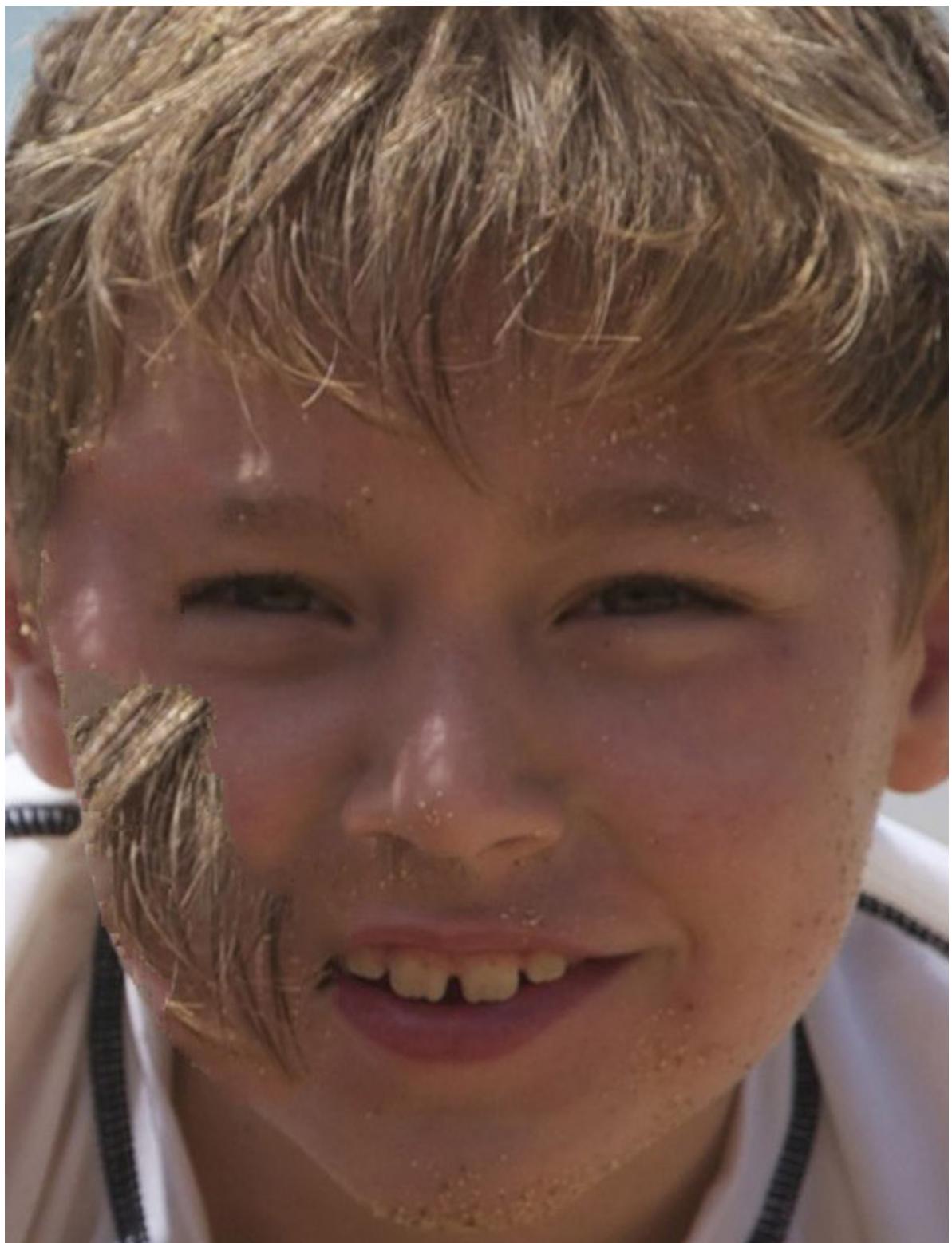
Ours



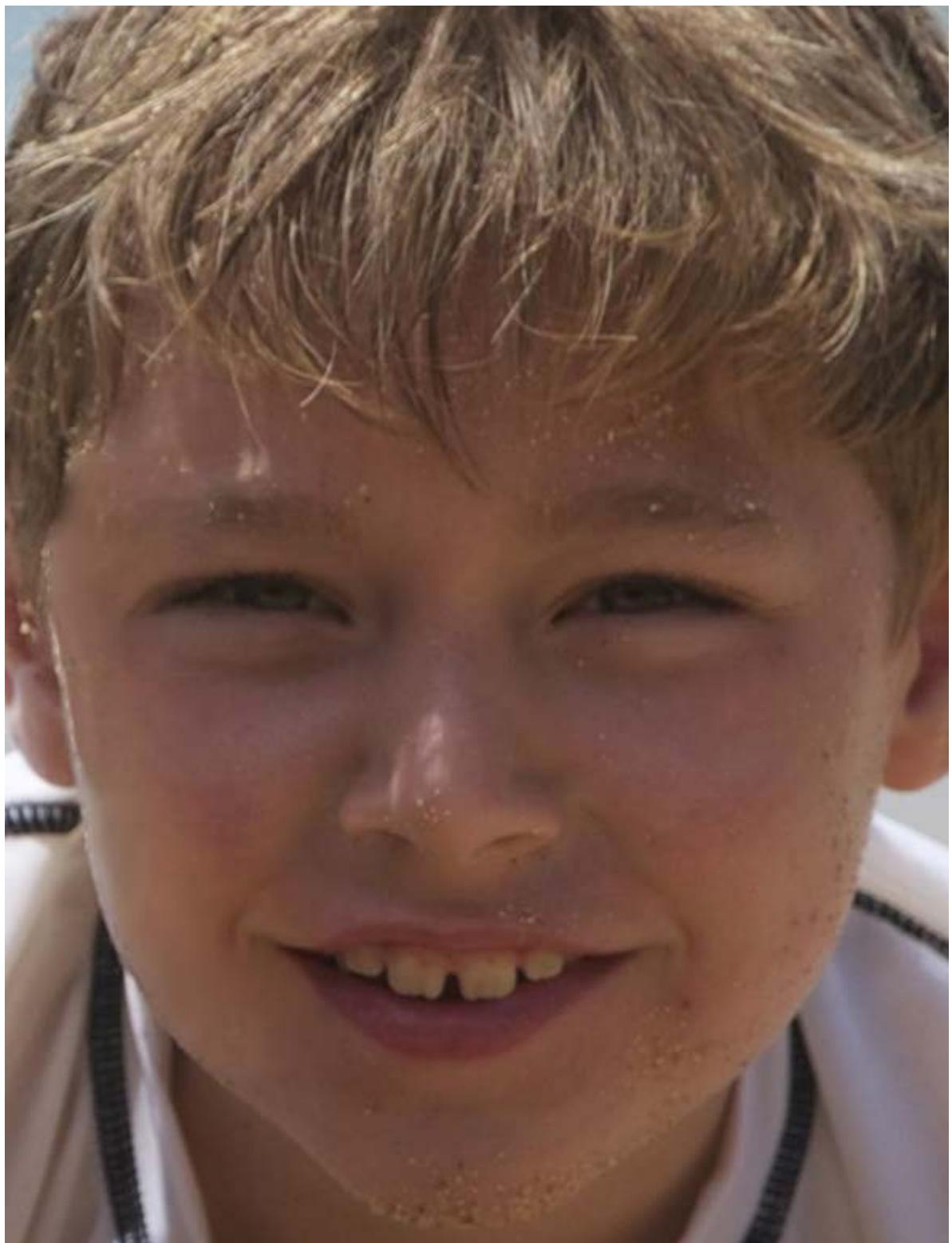
Mask



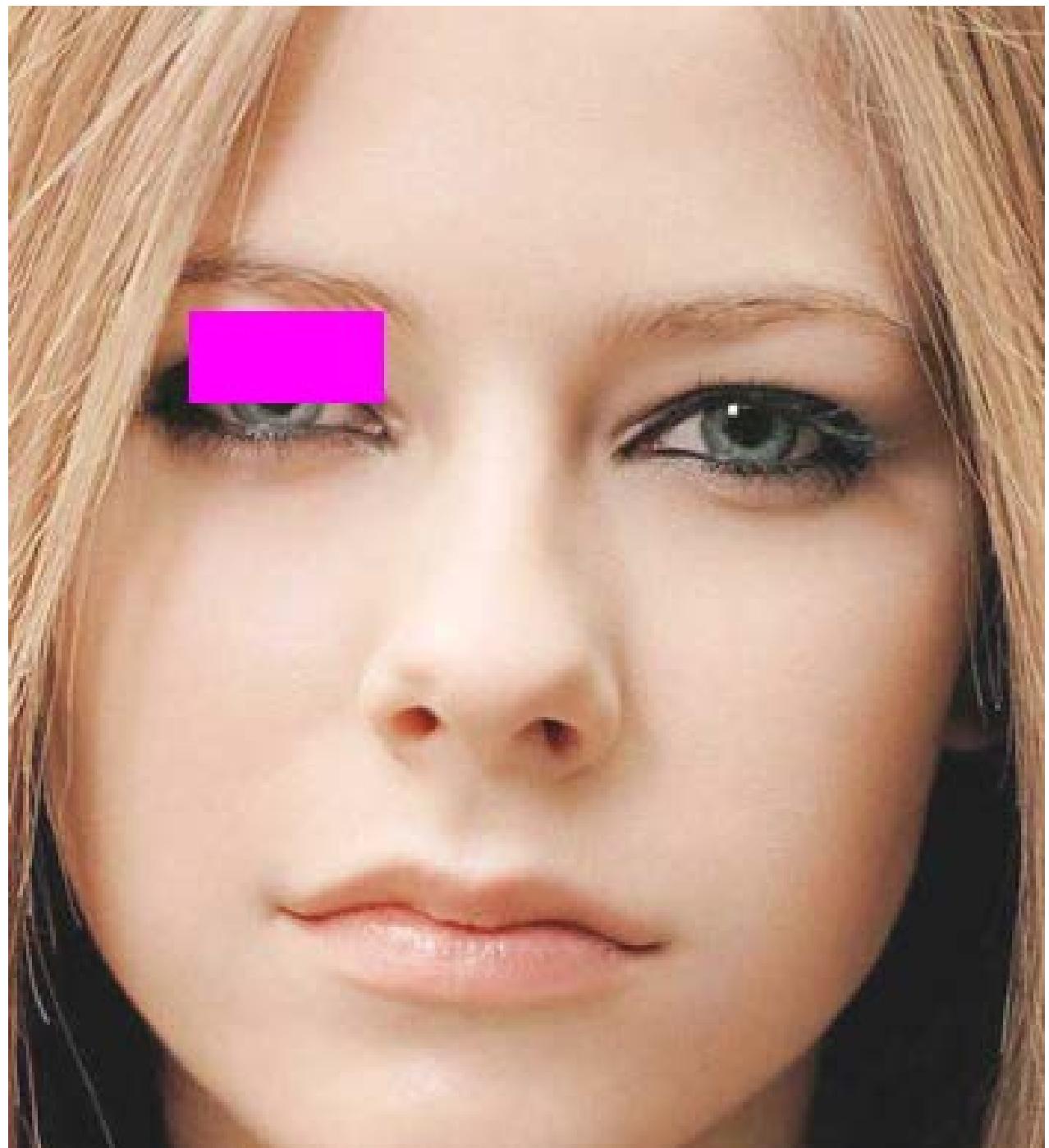
Photoshop CAF



Shiftmap



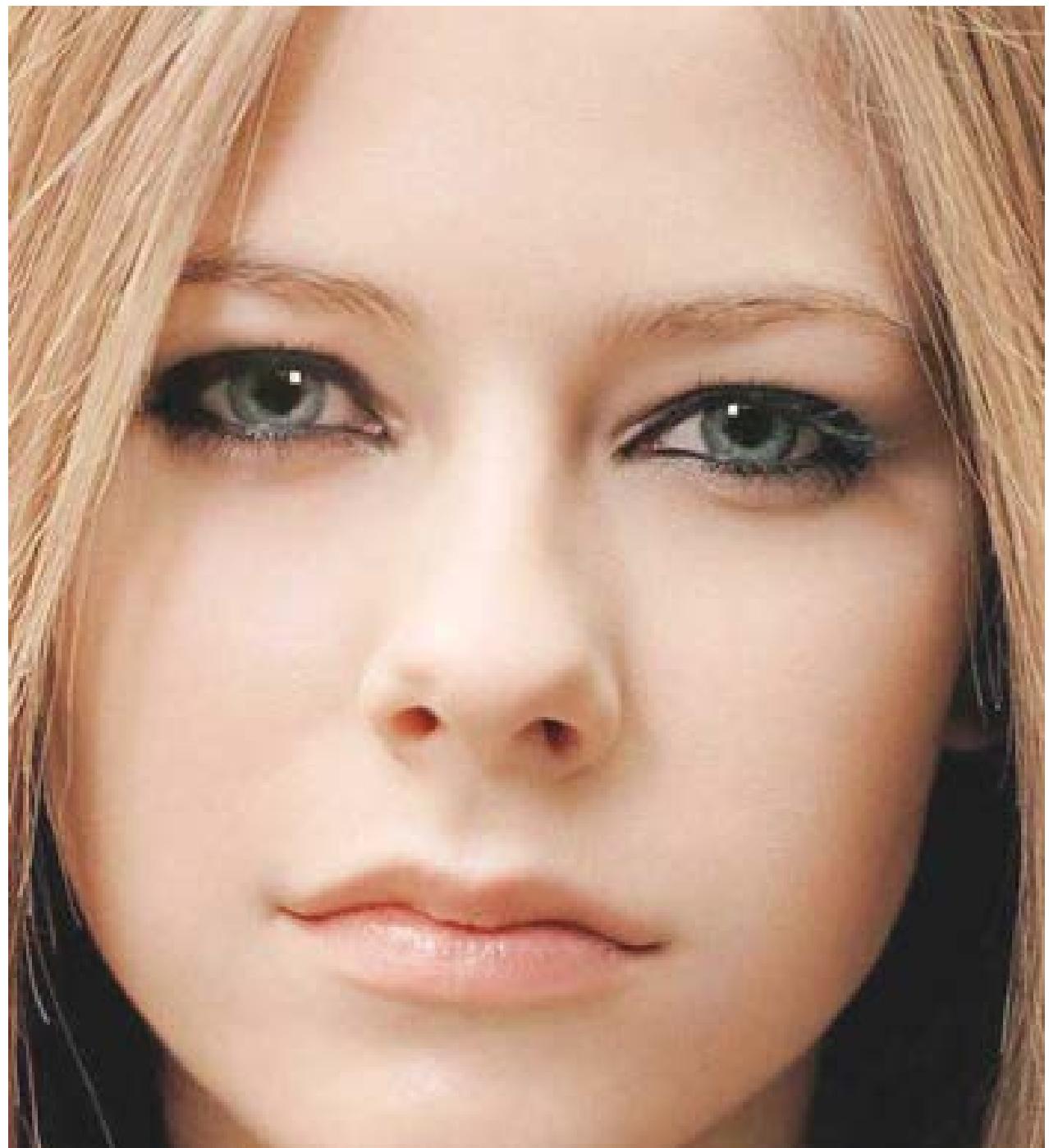
Ours



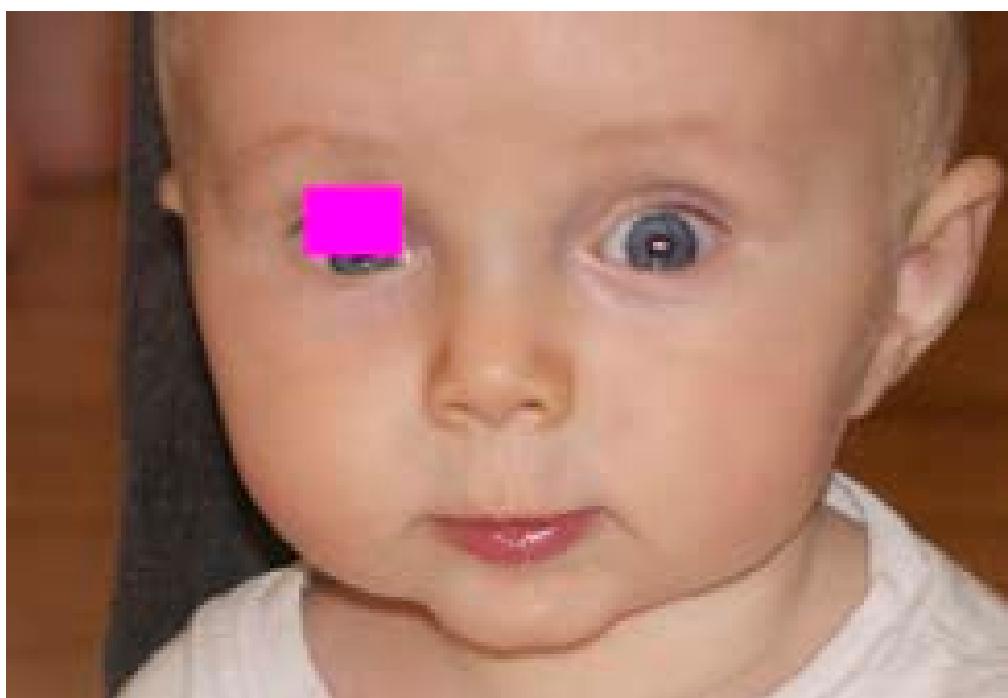
Mask



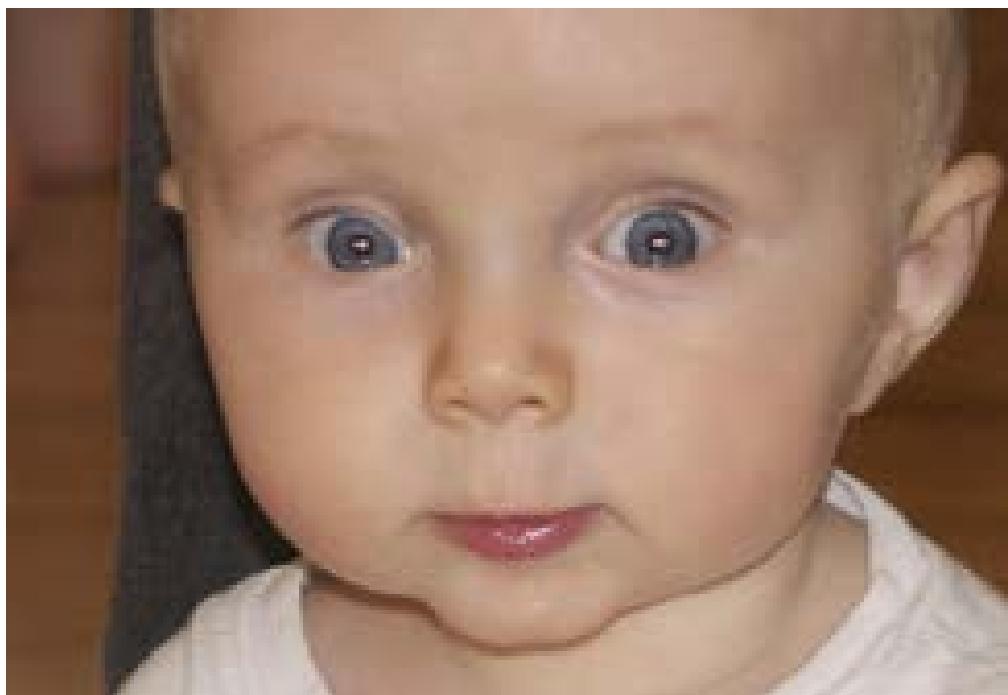
Photoshop CAF



Ours



Mask



Ours



Mask



Shiftmap



Photoshop CAF



Ours



Mask



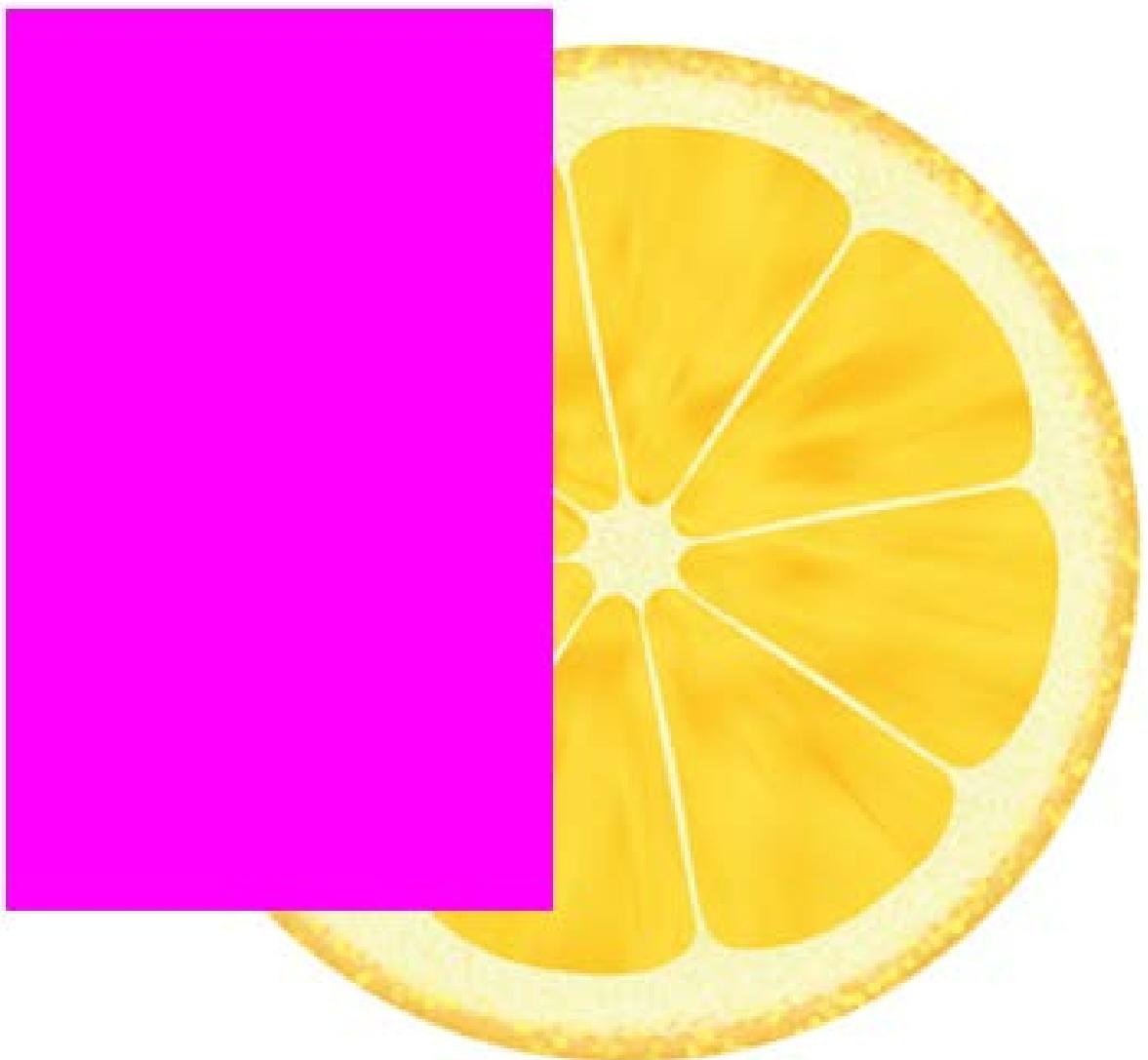
Photoshop CAF



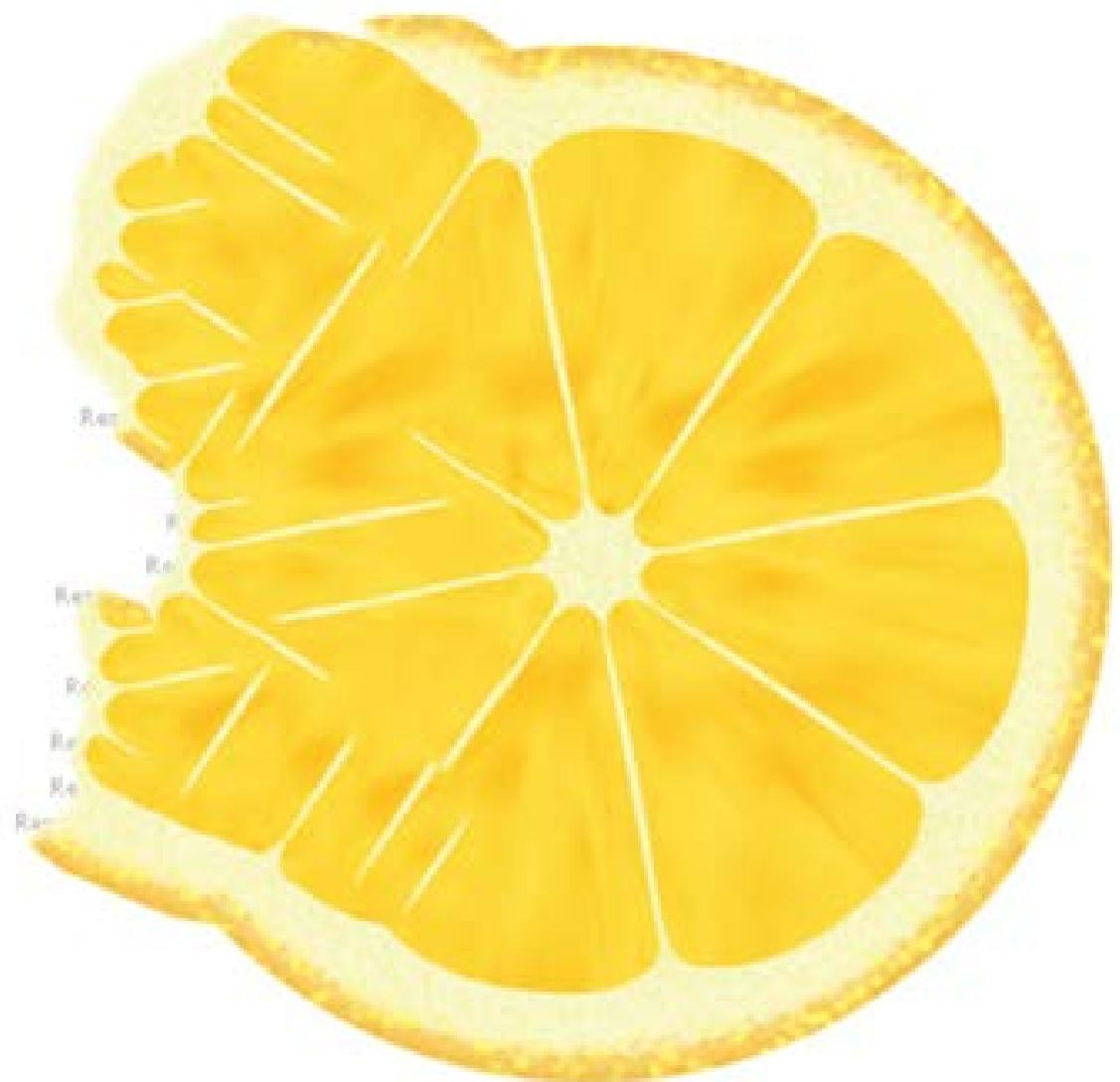
Shiftmap



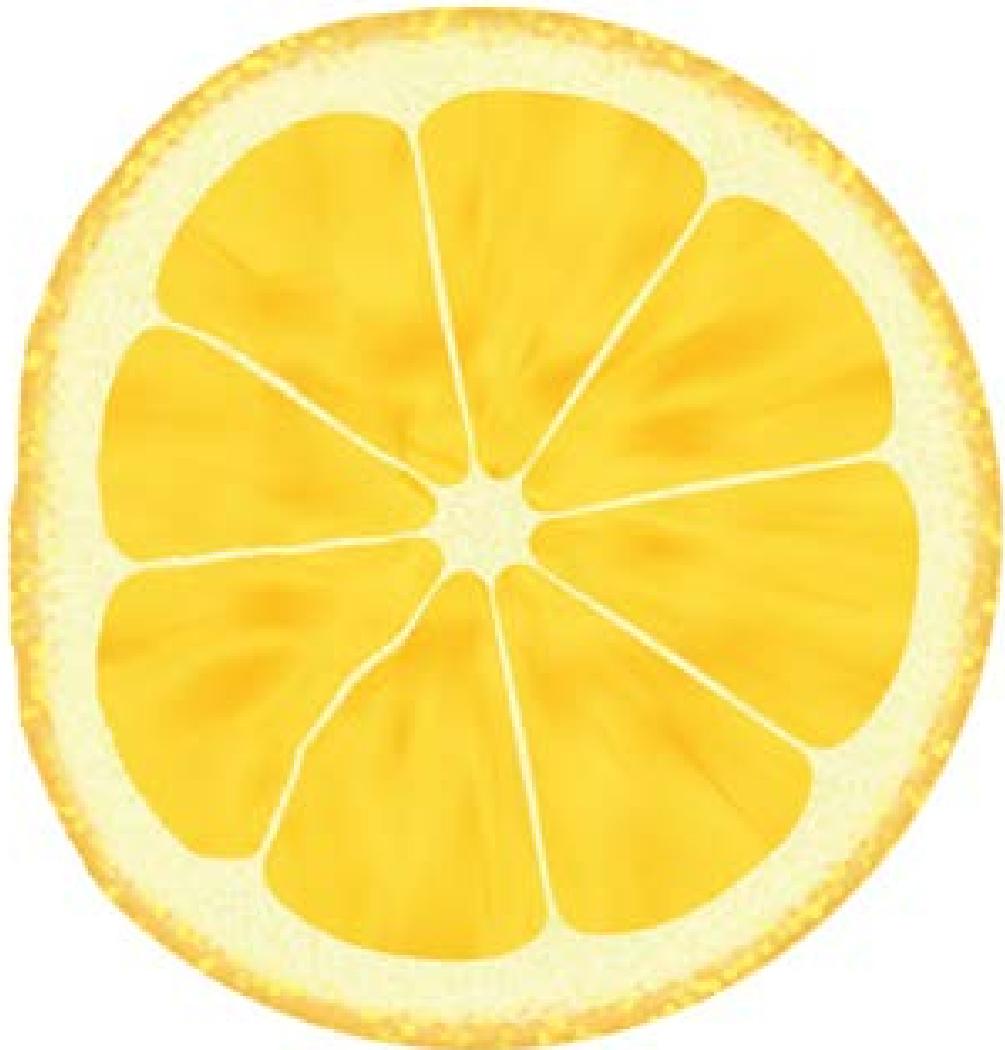
Ours



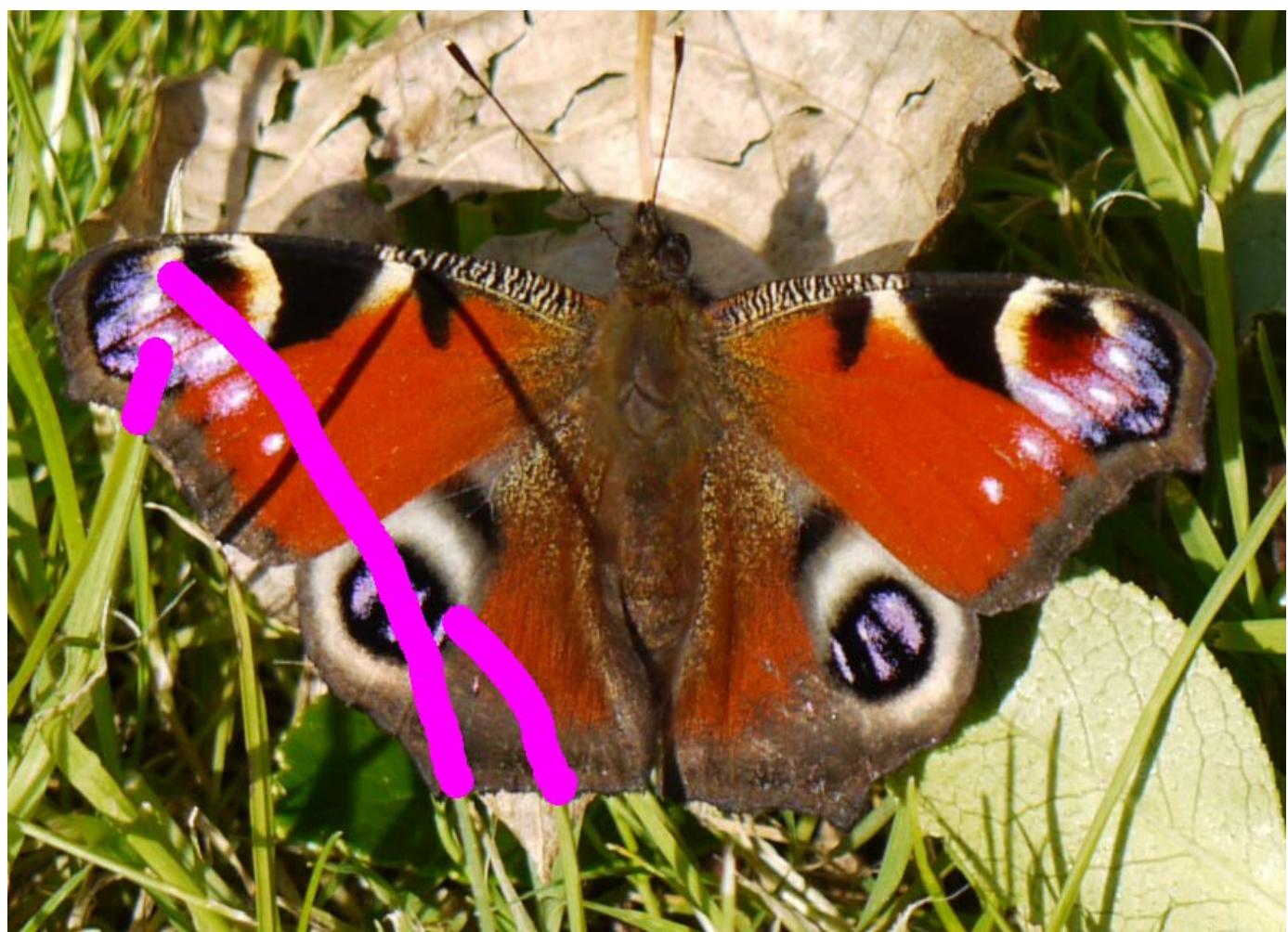
Mask



Photoshop CAF



Ours



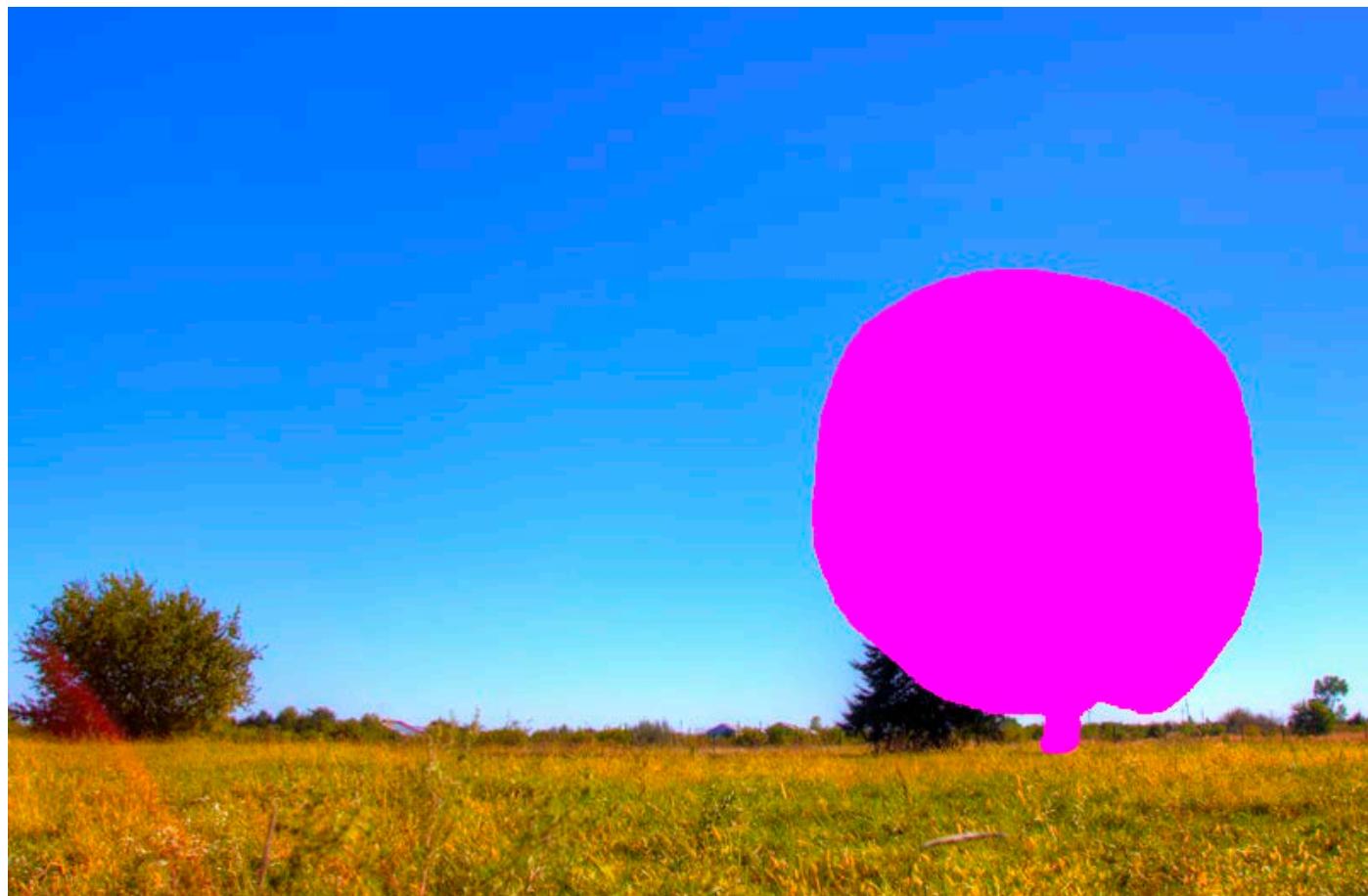
Mask



Photoshop CAF



Ours



Mask



Photoshop CAF



Ours



Mask



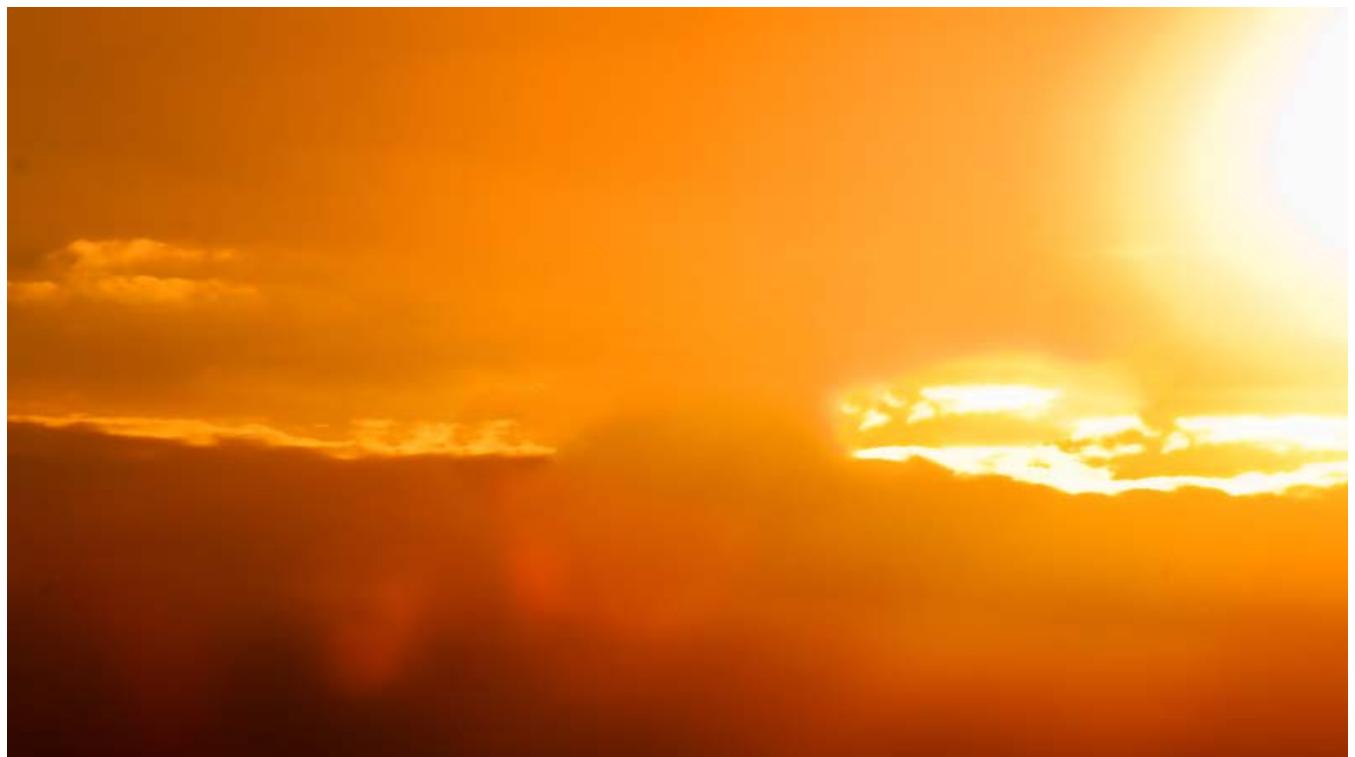
Photoshop CAF



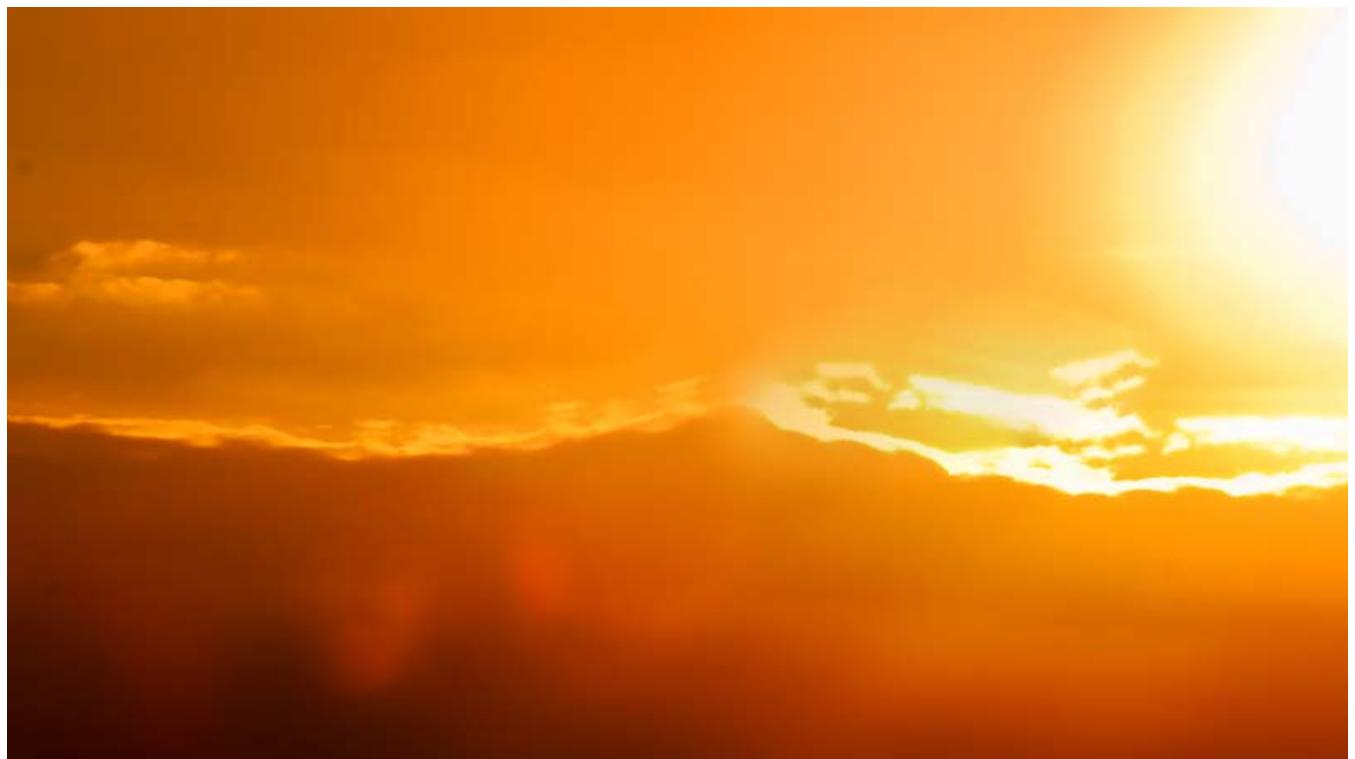
Ours



Mask

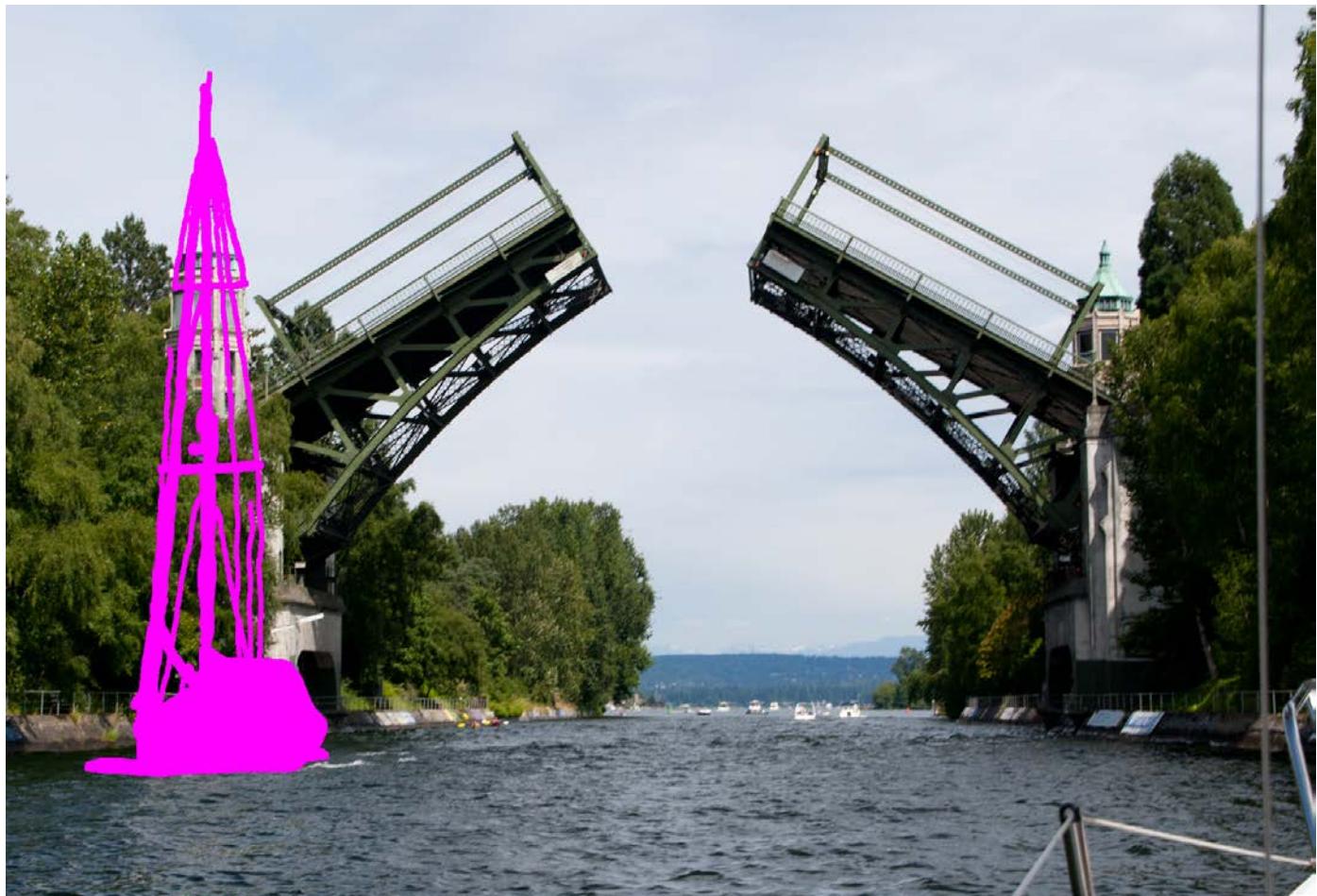


Photoshp CAF



Ours

Multi-source Image Completion



Source1



Source2



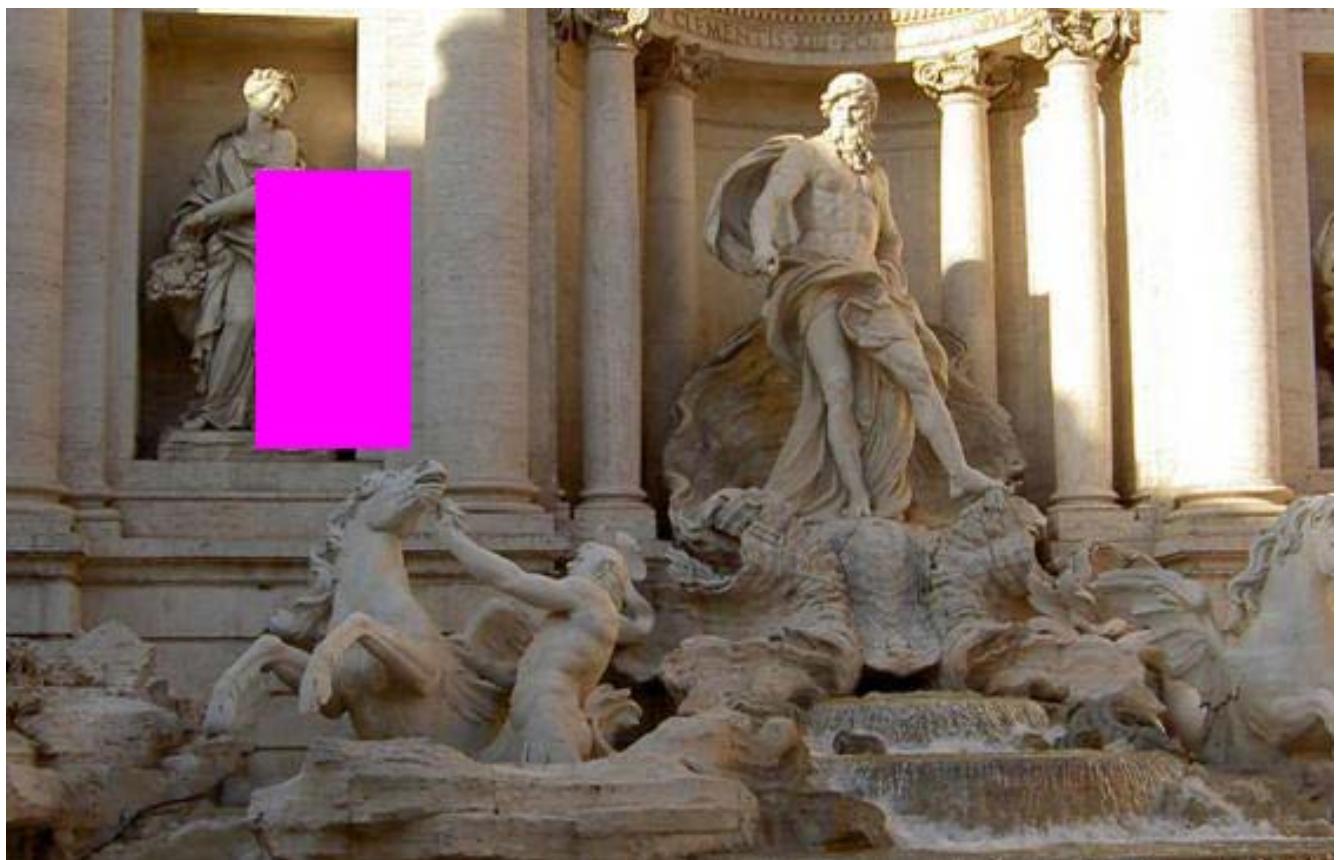
Photoshop CAF



Ours



Source1



Source2



Photoshop CAF



Ours



Source1



Source2



Photoshop CAF



Homography+Poisson



Ours



Source1



Source2



Mask



Source1



Source2



Photoshop CAF



Source1



Source2



Ours

Image warping



Source



Fang and Hart
SIGGRAPH 07



Ours
“with slightly different
constraints”



Source



Laplacian warp



Ours



Source



Ours

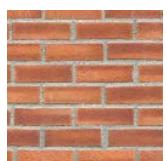
Texture interpolation



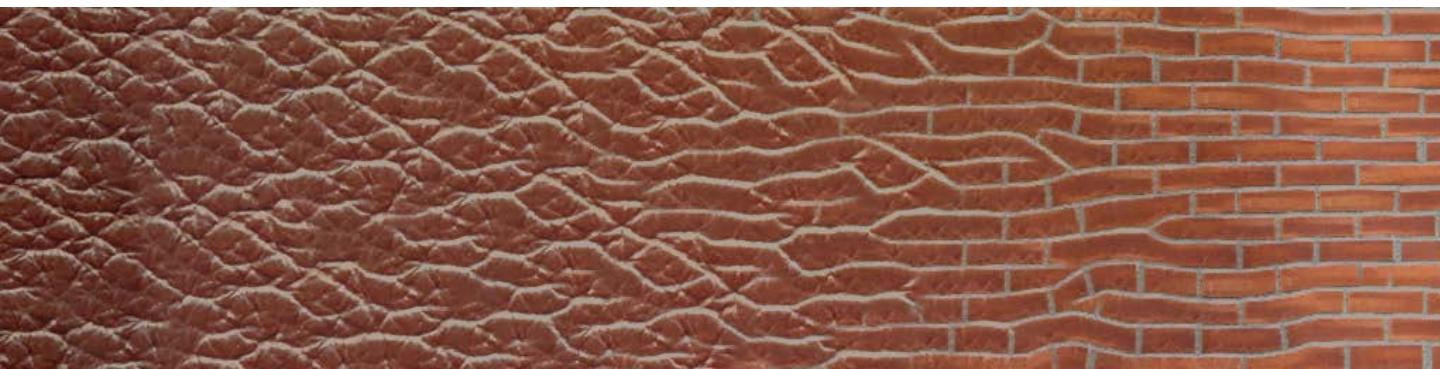
Ruiters et al.
EGSR10



Ours



Ruiters et al.
EGSR10



Ours

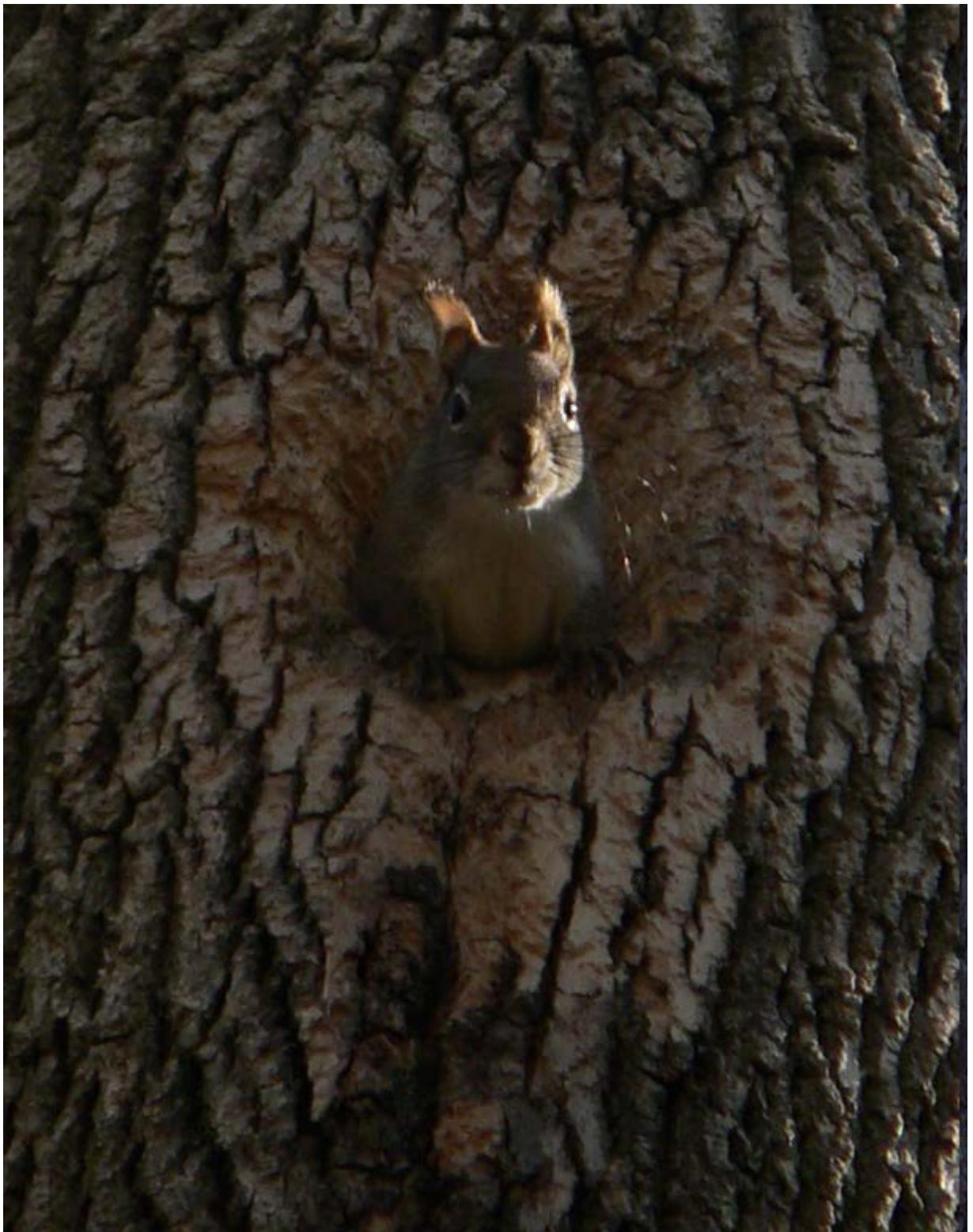


Ruiters et al.
EGSR10



Ours

Cloning/Stitching



Source



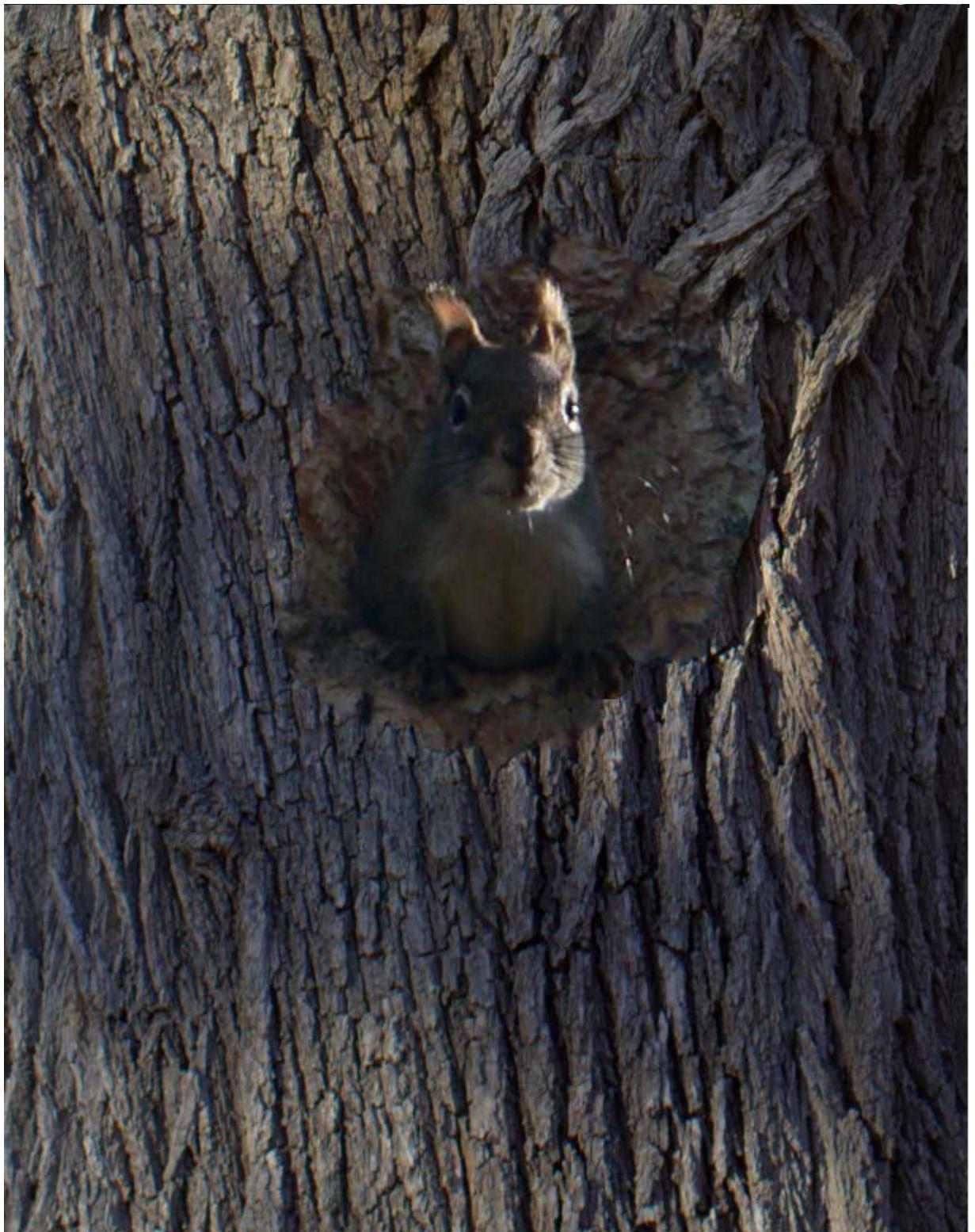
Target



Mask



Ours



Photomontage



Source



Target



Mask



Ours



Phtotomontage



Source



Target



Mask



Ours



Photomontage



Source



Target



Mask



Ours



Photomontage



Source1



Source2



Photomontage



Source1



Source2



Ours



Photomontage cropped



Ours cropped

Source 1



Source 2



Ours

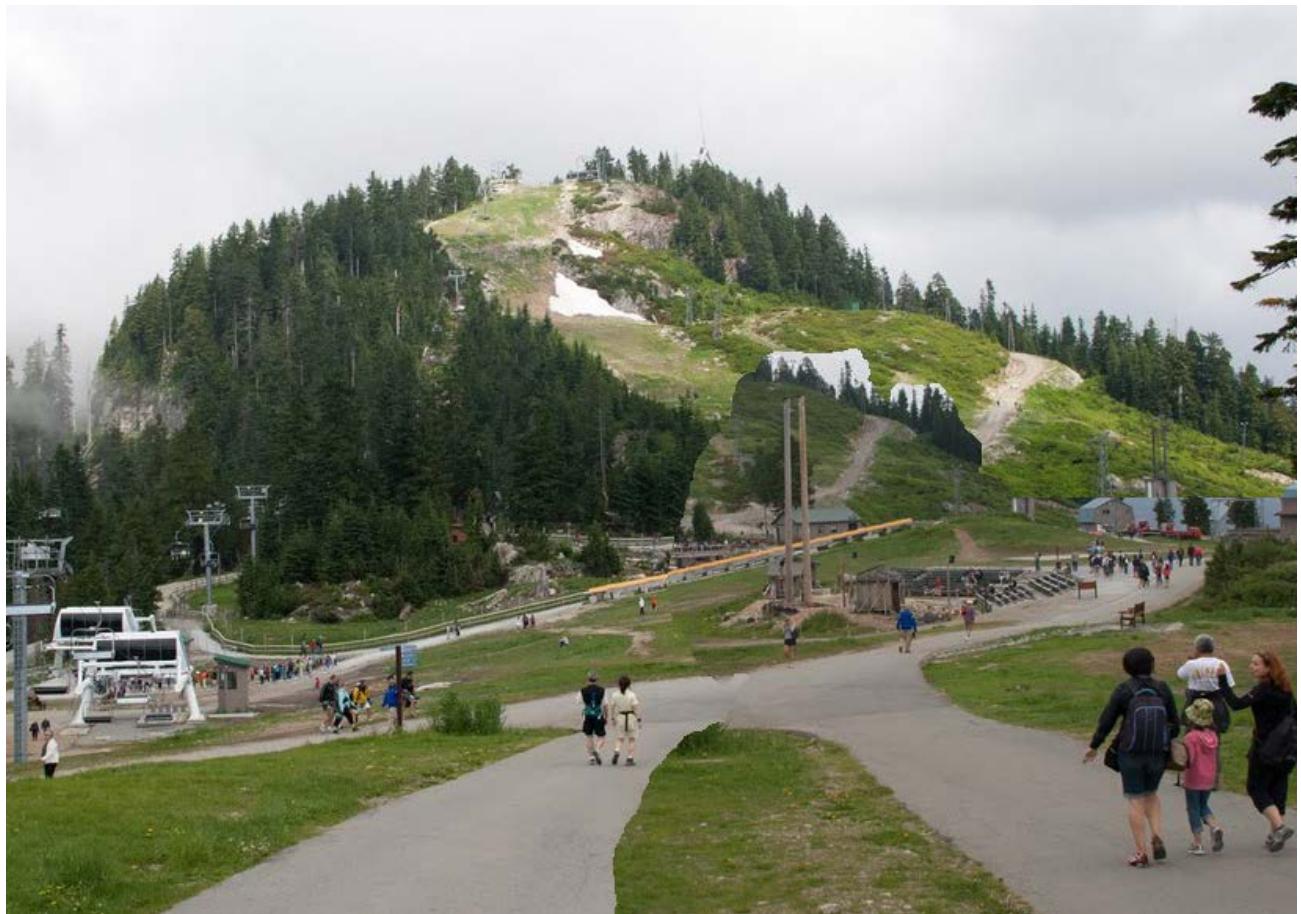




Source1



Source2



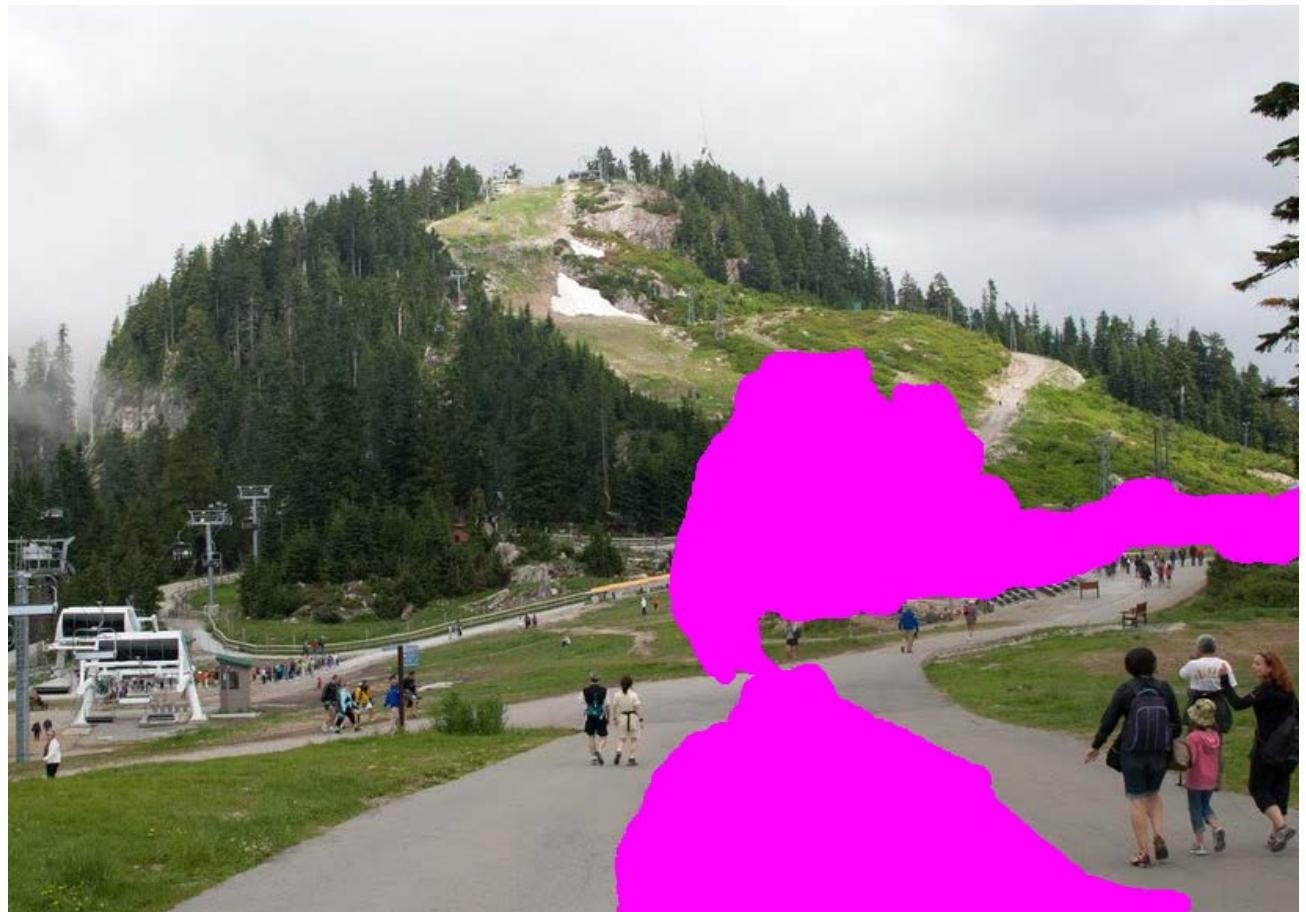
mixed



Source1



Source2



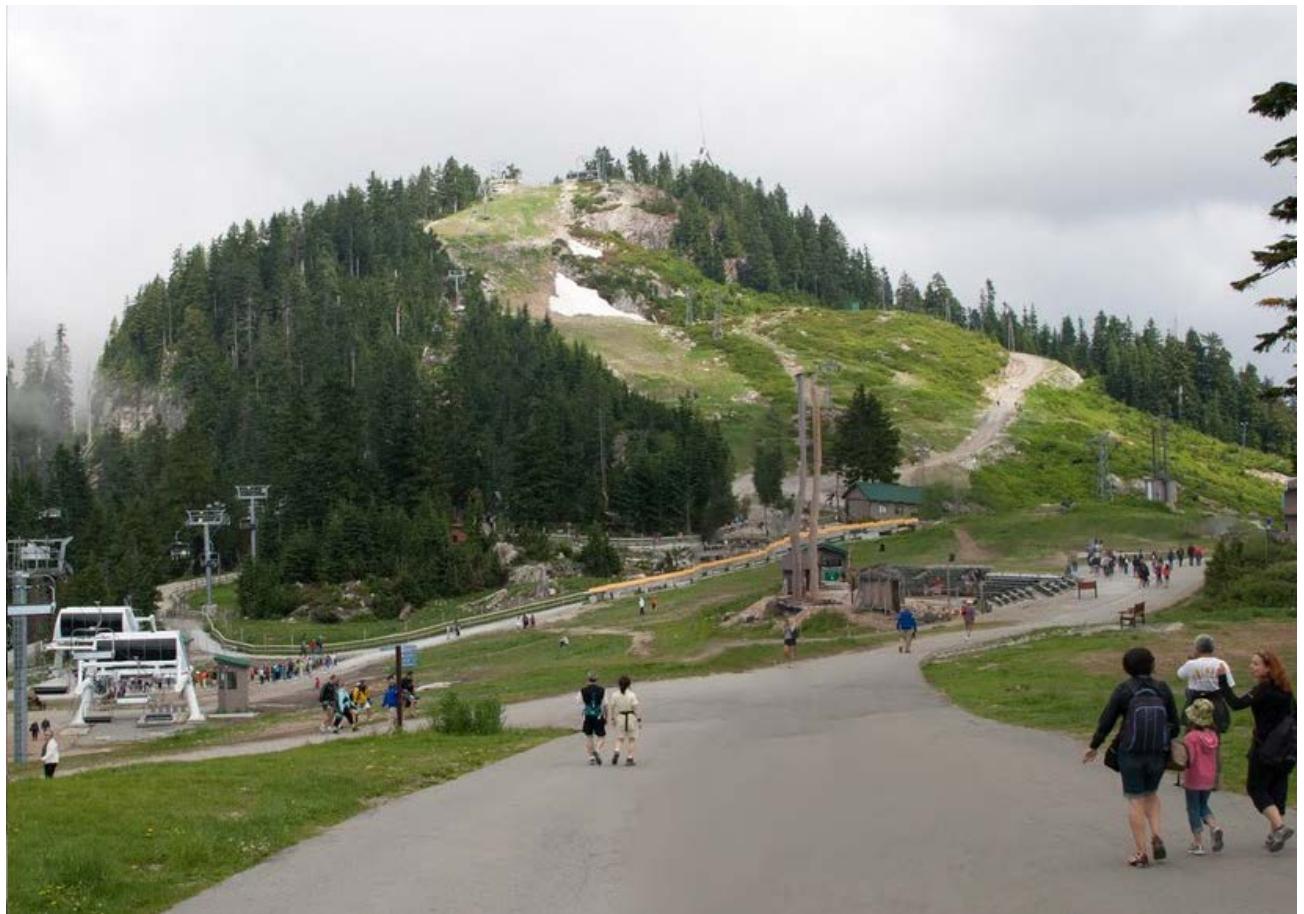
Mask



Source1



Source2



Ours



Source1



Source2



Mask



Source1



Source2



Ours



Source1



Source2



Mask



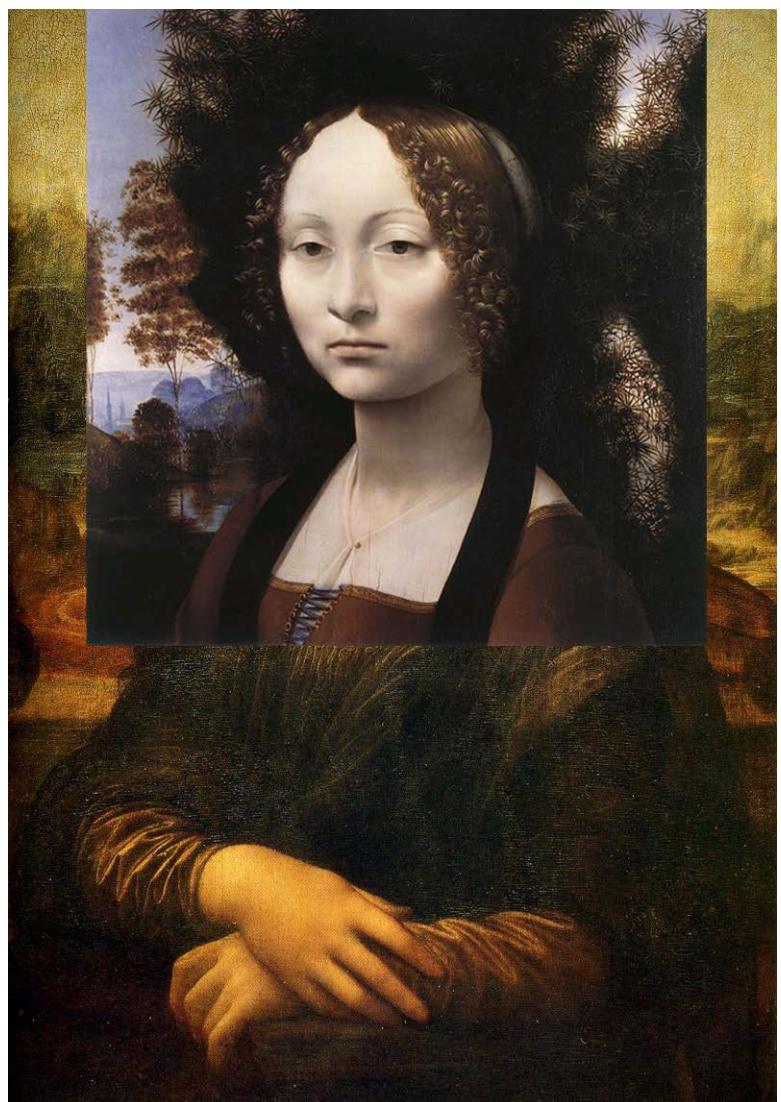
Source1



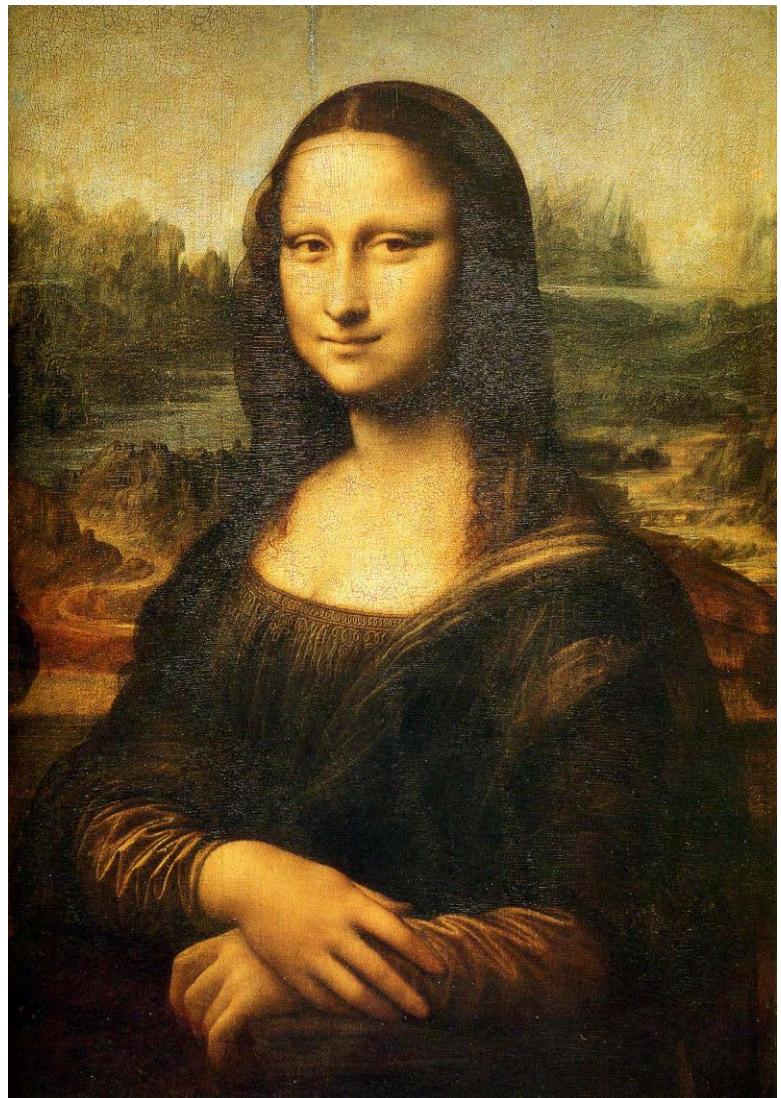
Source2



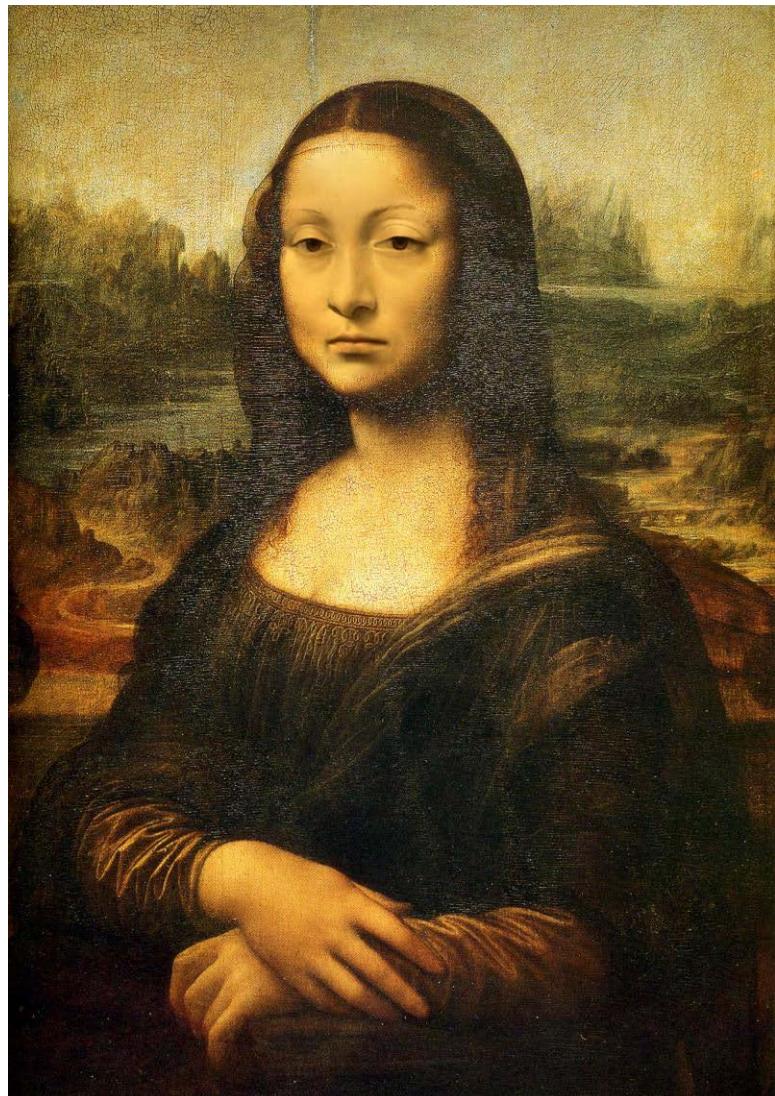
Ours



Source



Target



Poisson blend

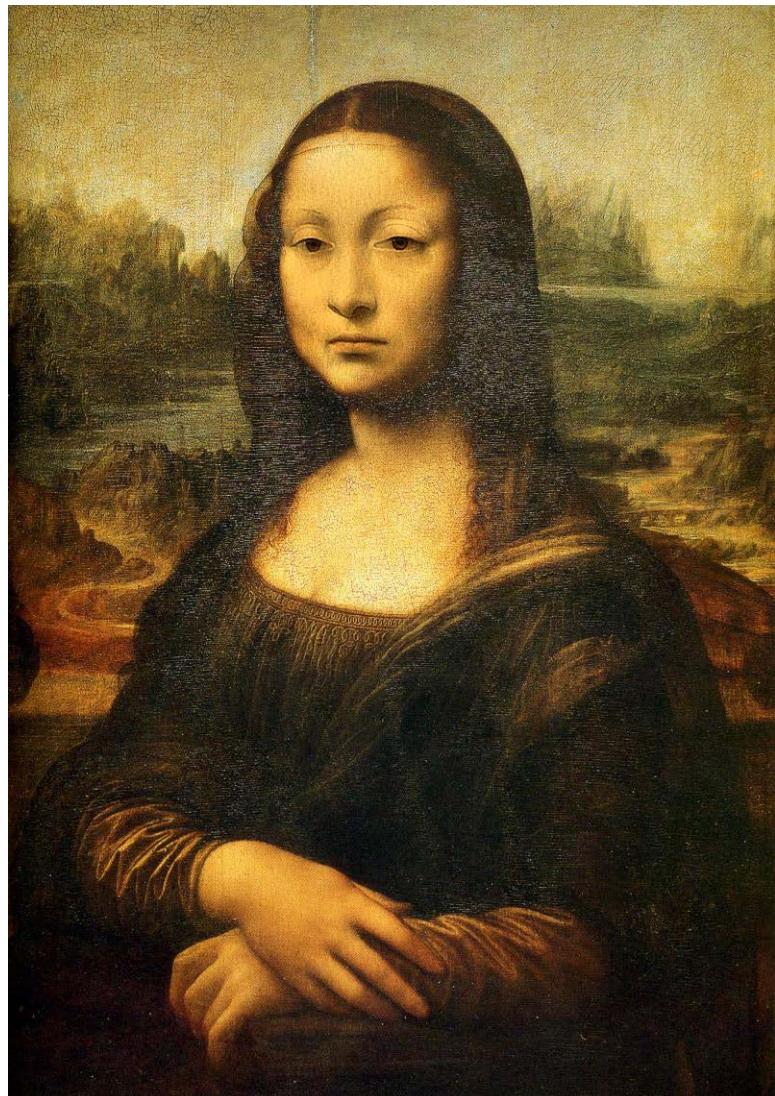
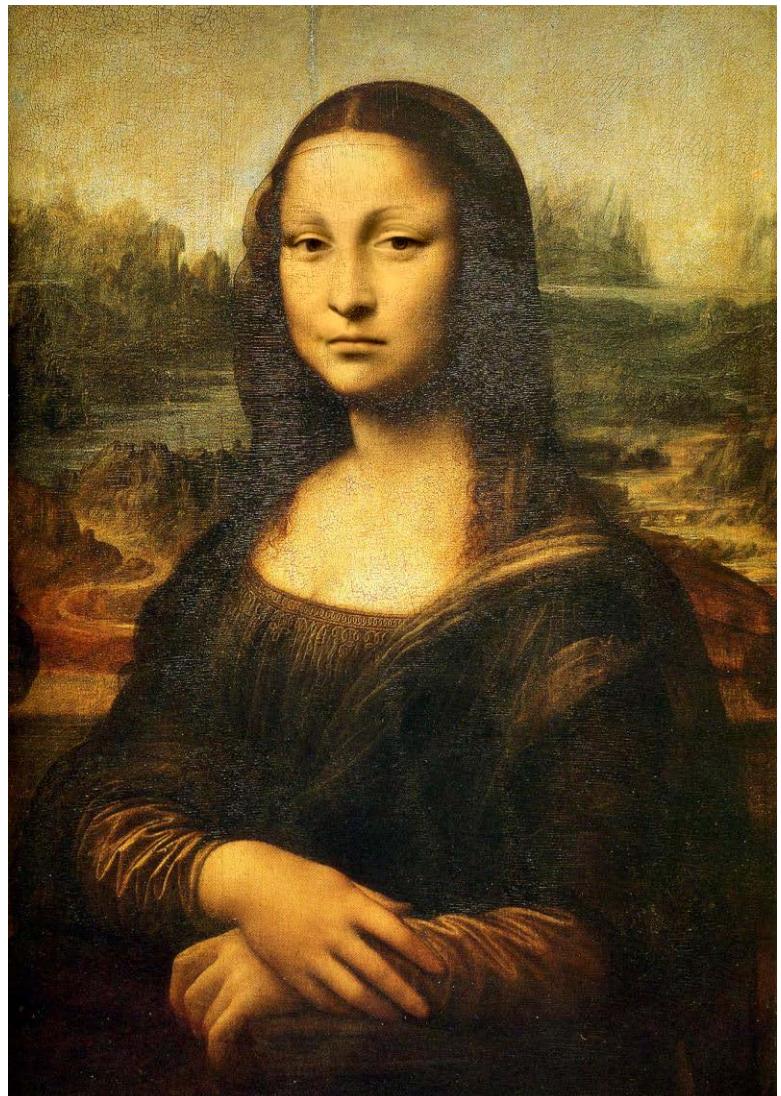


Image Harmonization
Sunkavalli et al.
SIG10



Ours



Source



Target



Poisson blend



Image Harmonization
Sunkavalli et al.
SIG10



Ours