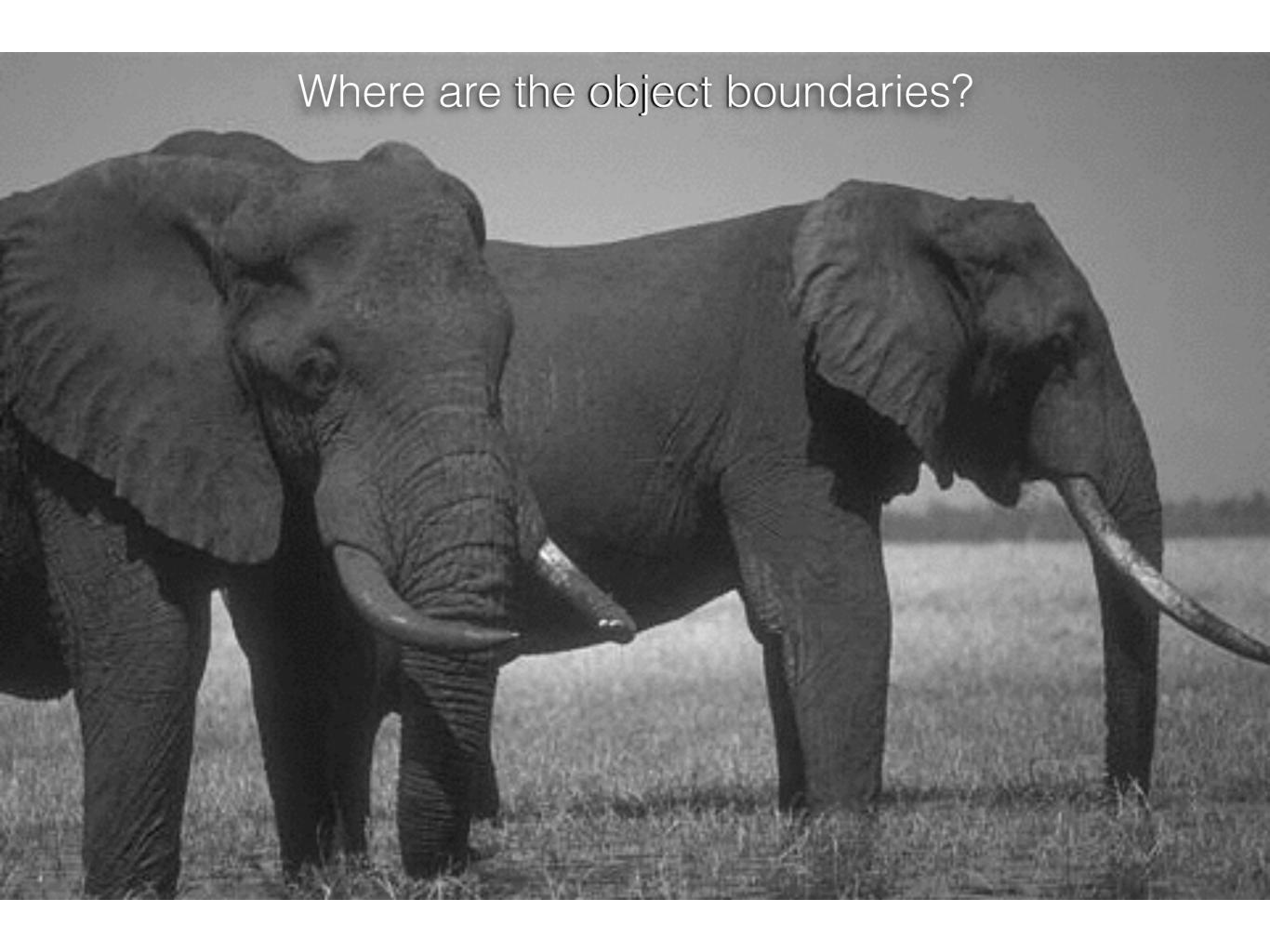
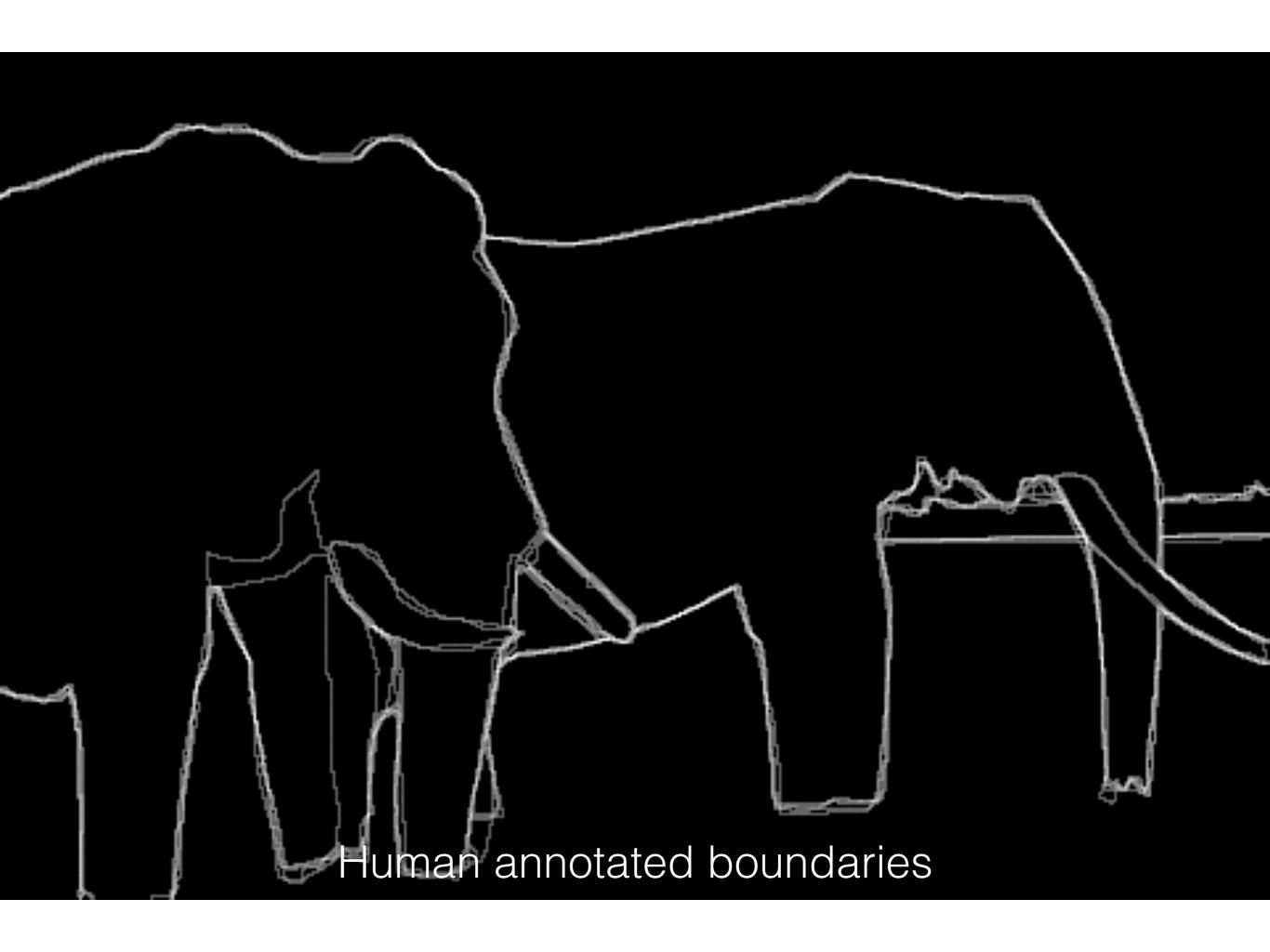
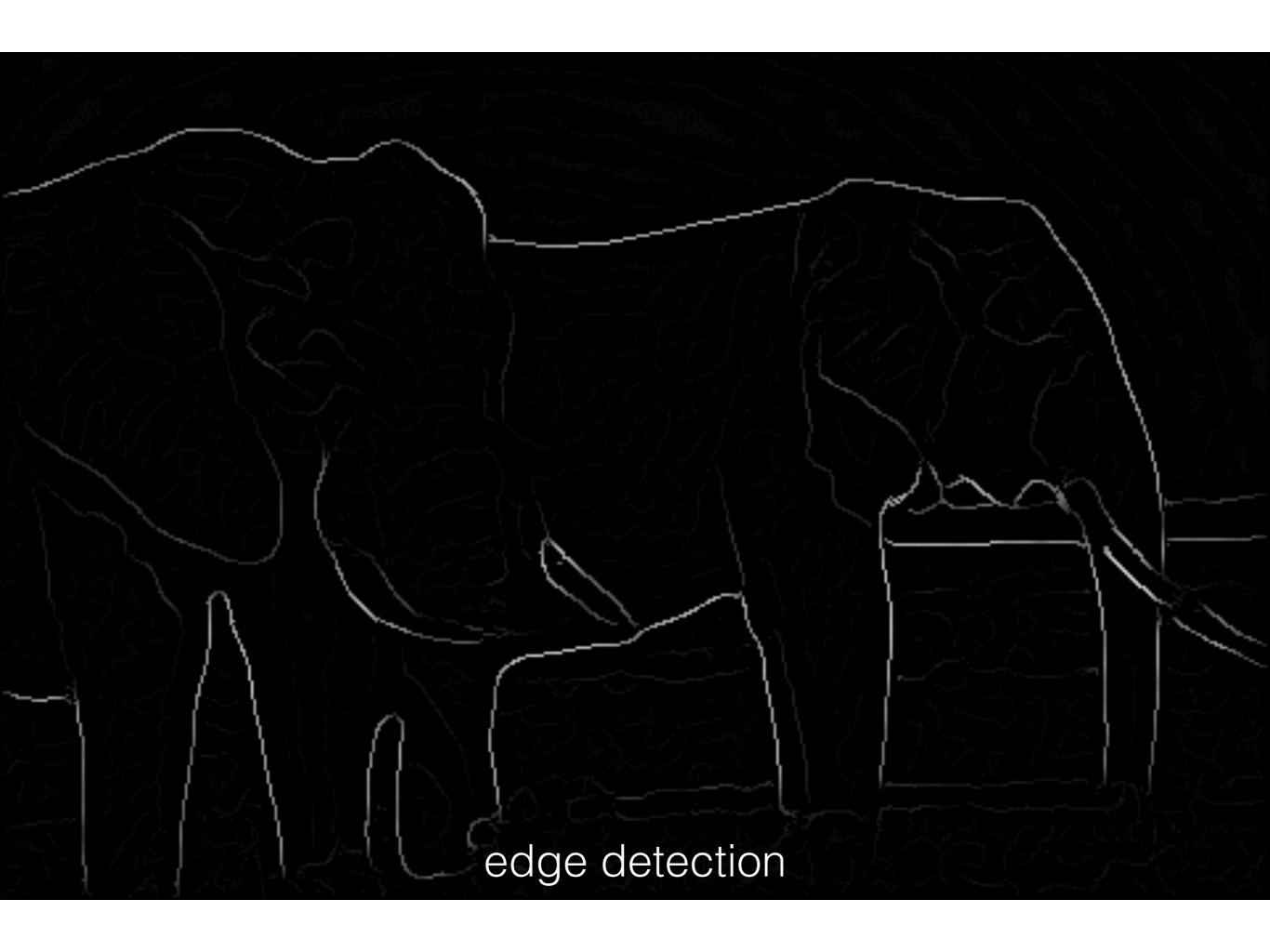


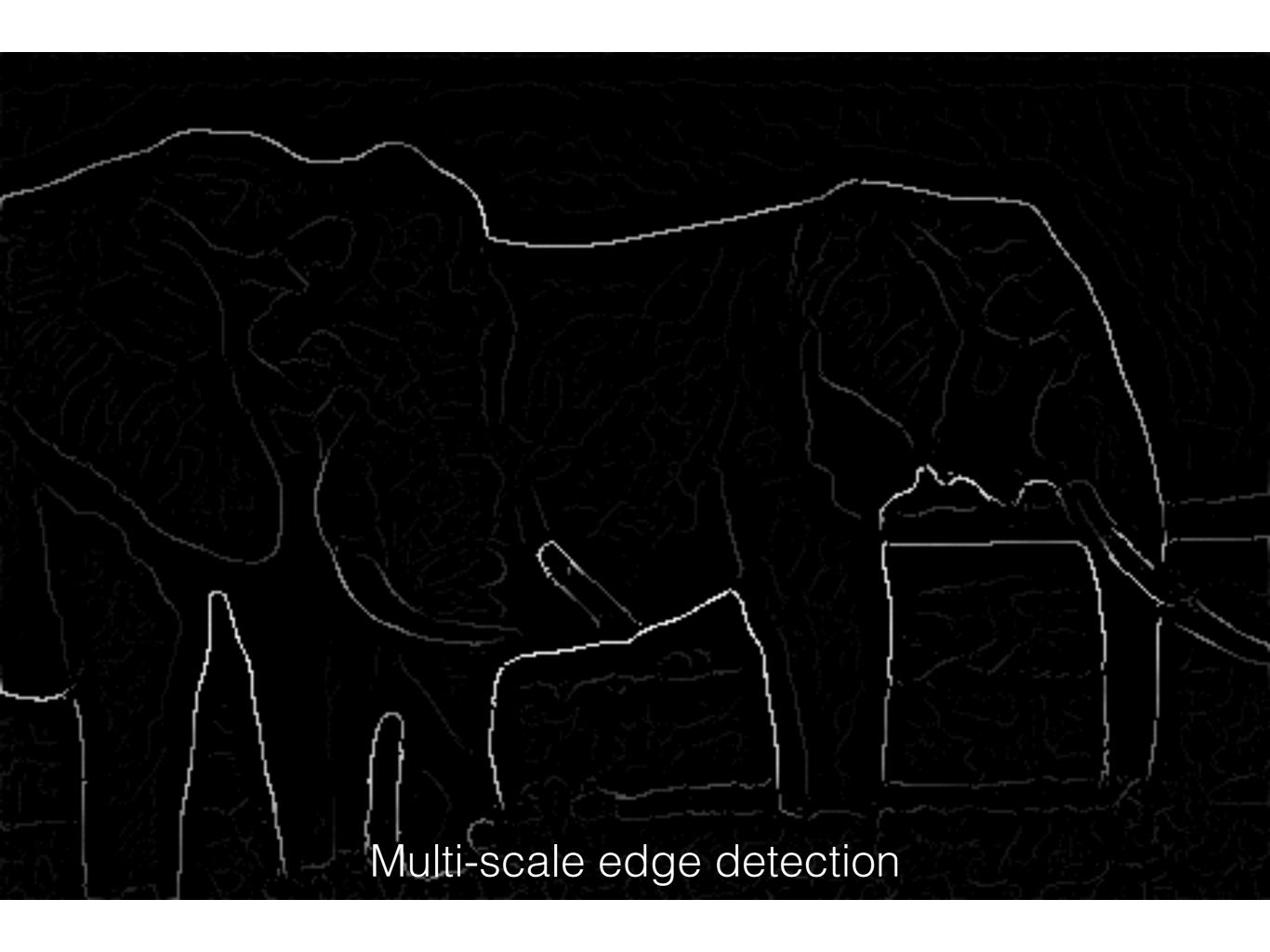
## Defining boundaries

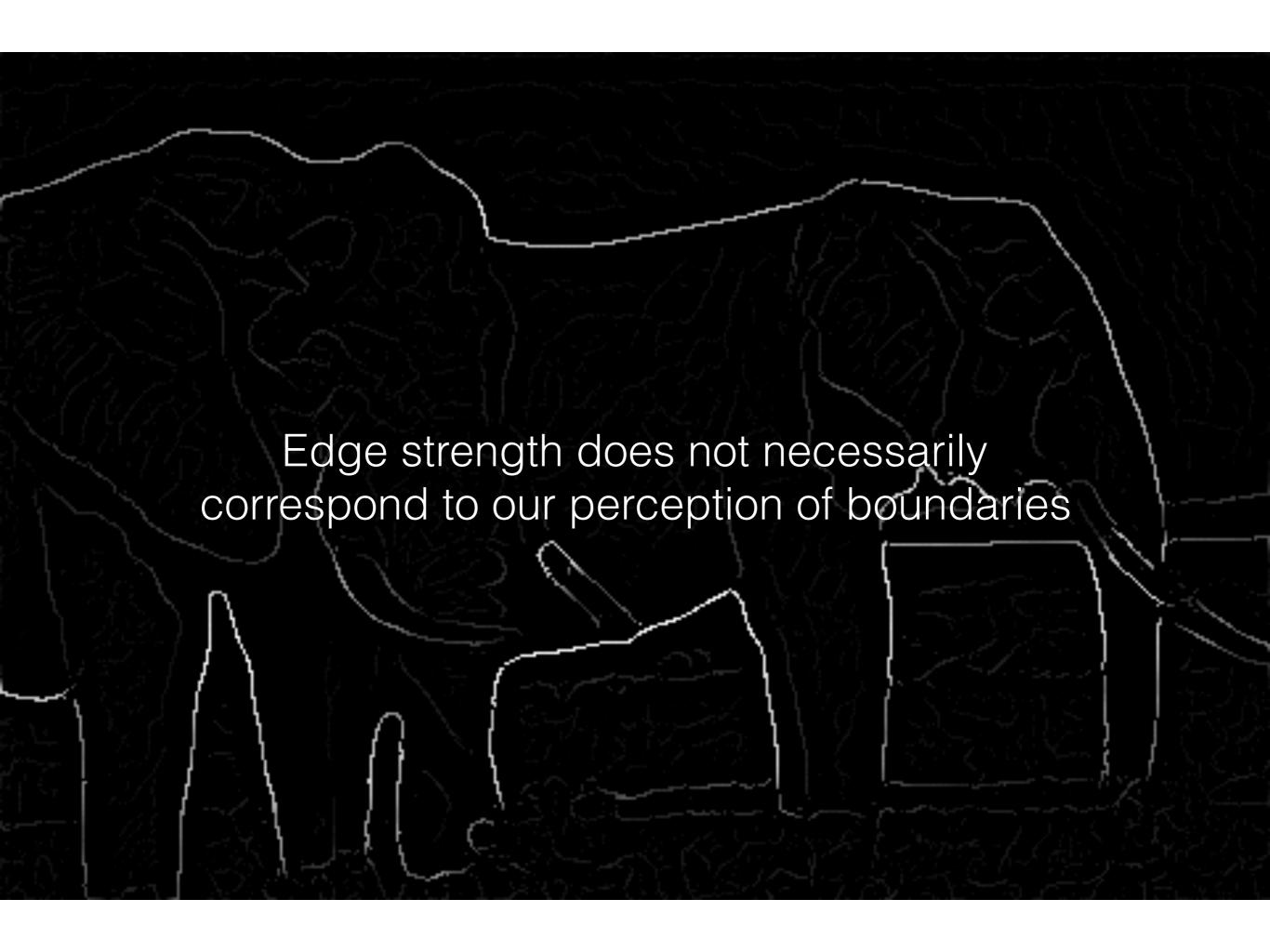
16-385 Computer Vision (Kris Kitani)
Carnegie Mellon University



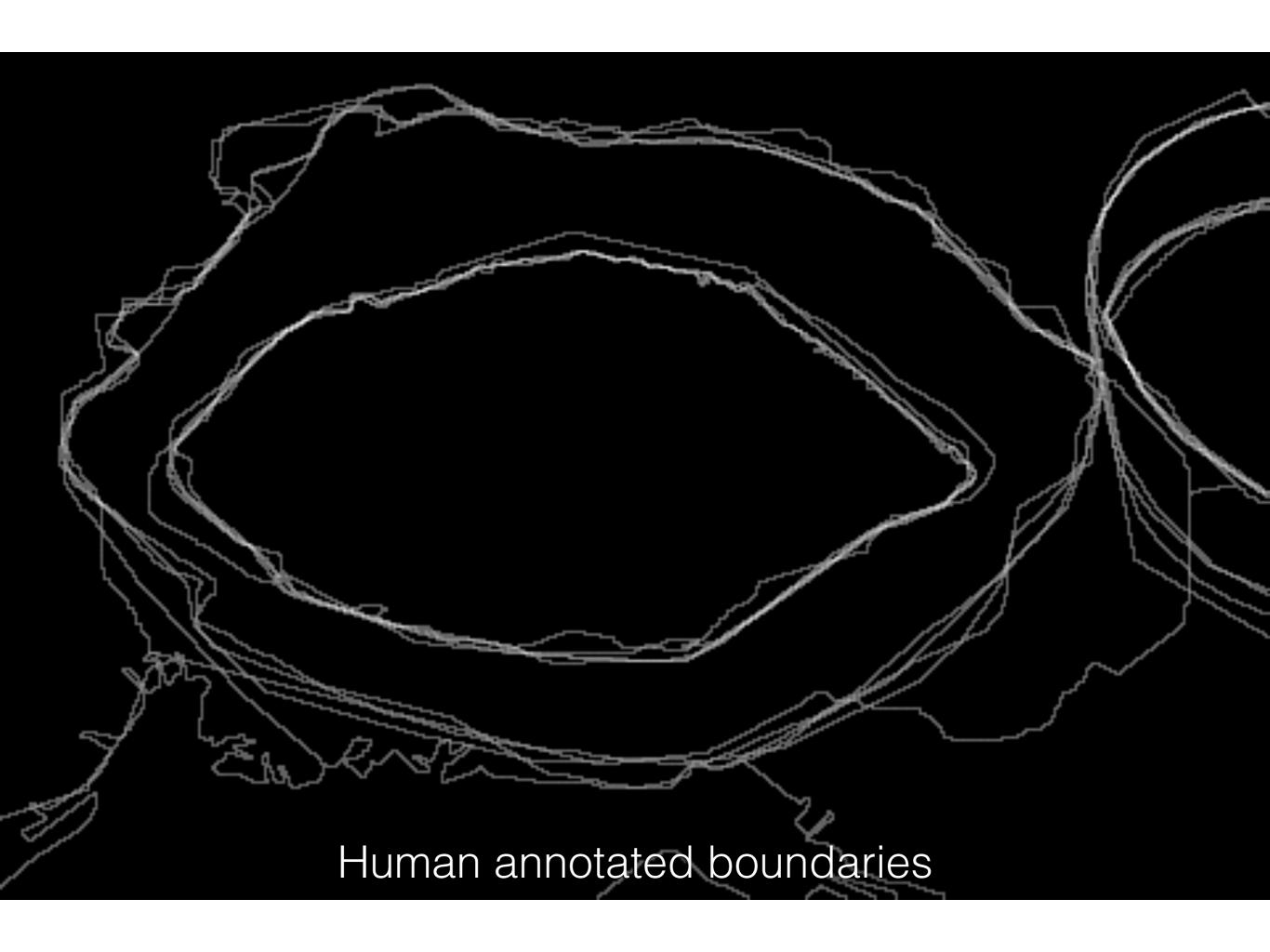




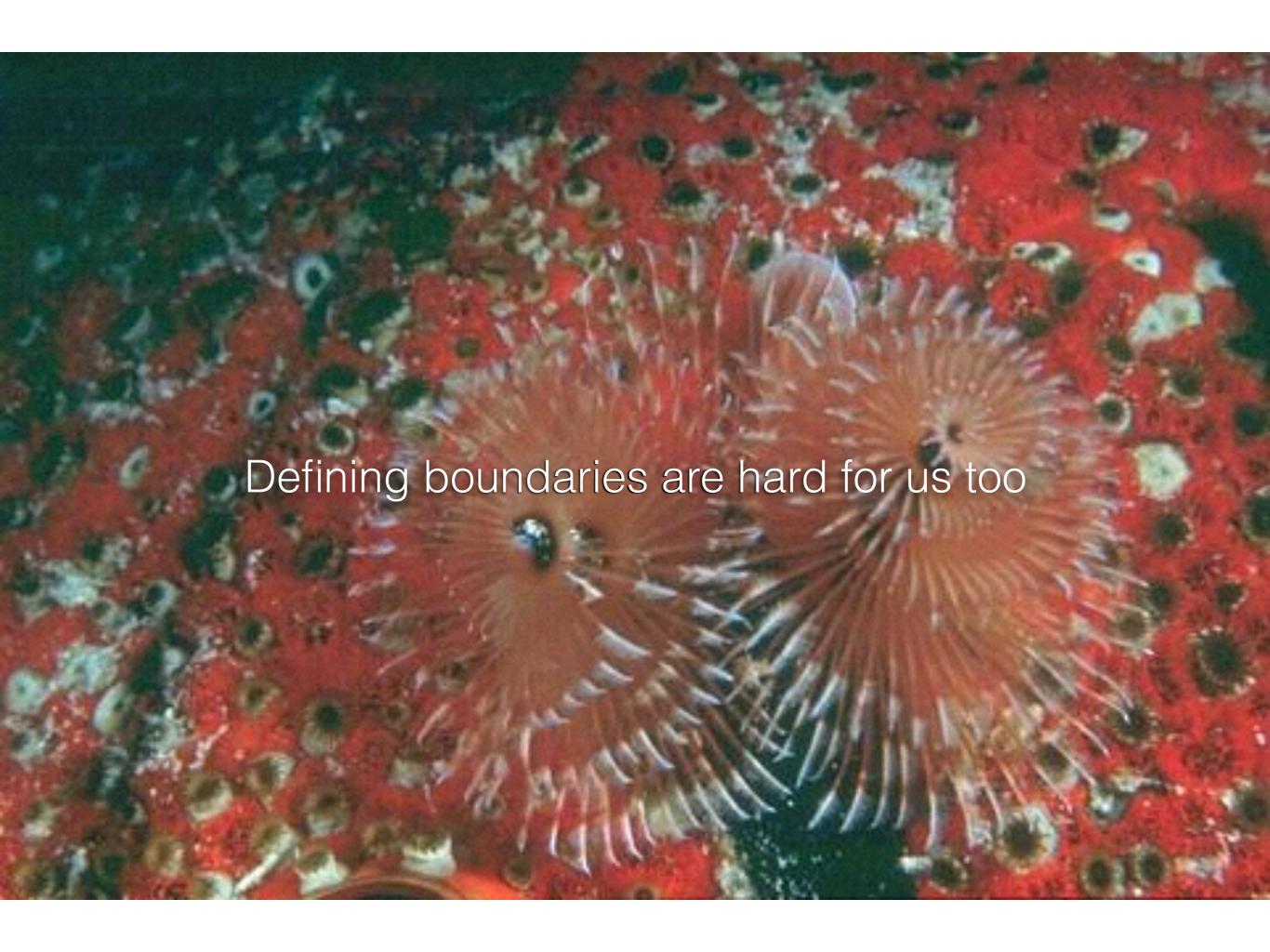








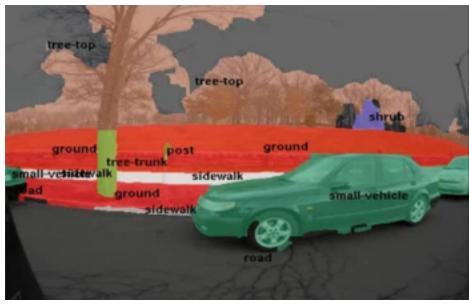




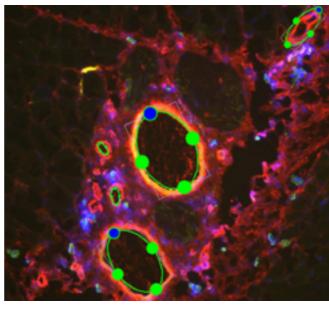
## Applications



Autonomous Vehicles (lane line detection)



Autonomous Vehicles (semantic scene segmentation)



tissue engineering (blood vessel counting)



behavioral genetics (earthworm contours)

0.5 mm

Ventral

side



Worm frame

79%

Head

Computational Photography (image inpainting)

