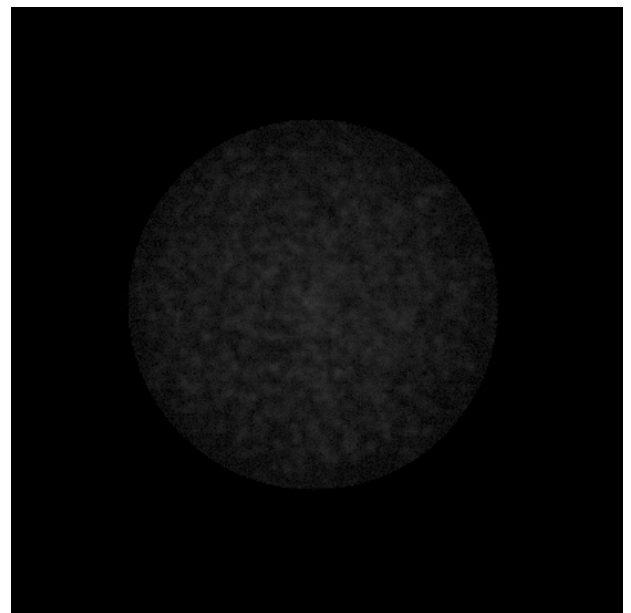
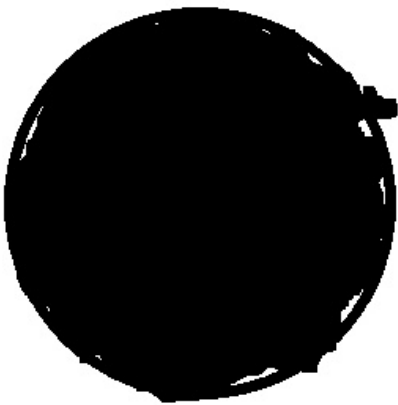




Original image (above) is a picture of the phosphor screen in our helium ionization chamber. The intention of this program is to check thousands of these pictures and identify a “blob” such as this.



This (left) is the processed image after a series of image conditioning. Notice the blob has been “found” and a circle drawn around it. The last image (right) shows the same circle in (left) was used as a mask to extract the blob only from the original image. In this way, the image shown (left) can be summed as a matrix by openCV and the brightness/intensity of the “blob” can be found (by also normalizing with respect to the blob size, of course).