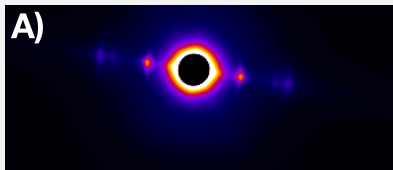
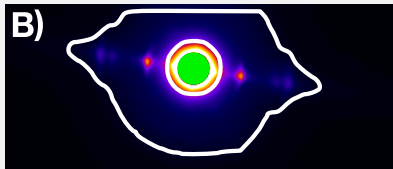


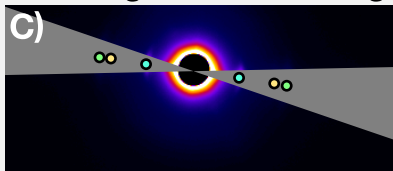
# Image segmentation



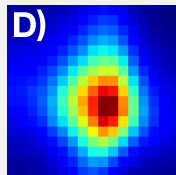
Center ID and  
peak region masking



Peak ID and  
background masking



Background subtraction  
and ROI extraction

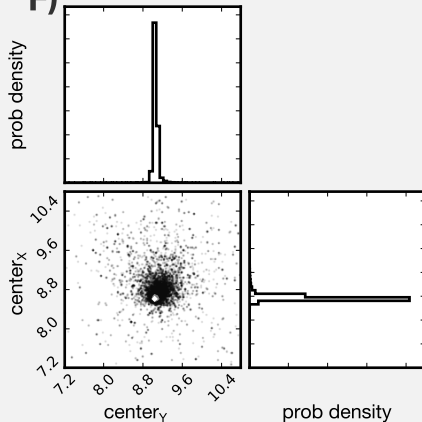


**E)**

**MCMC sampling**  
 $f(\text{center}, H, K, M)$

Distribution calculation  
and marginalization

**F)**



**Bayesian parameter estimation**