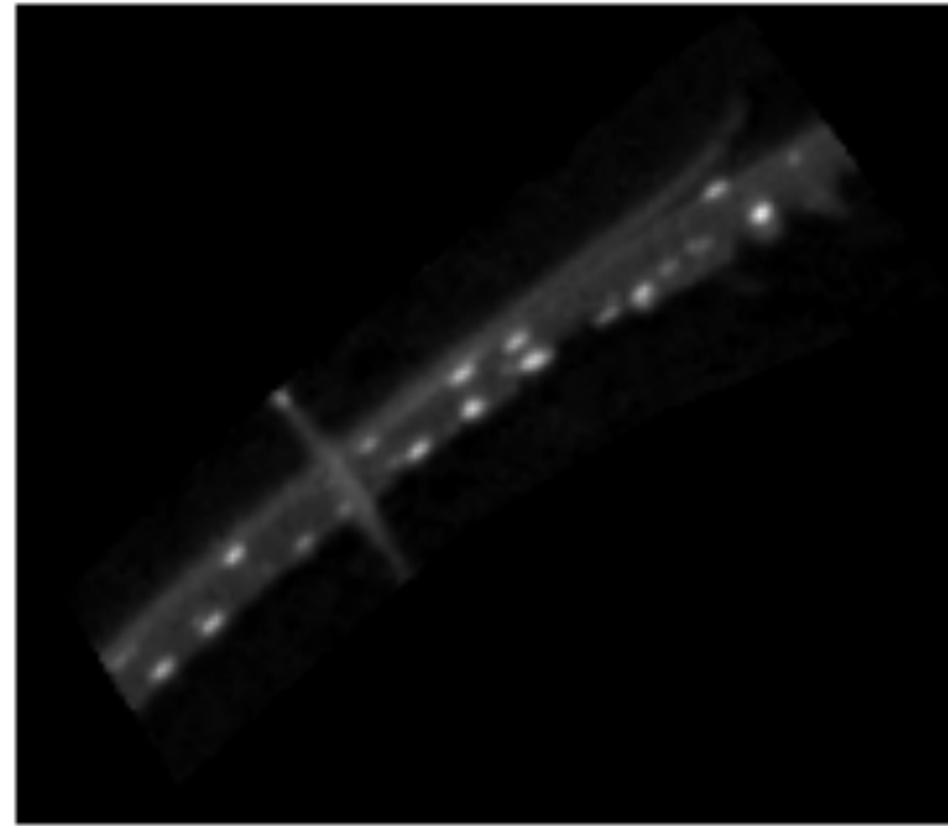


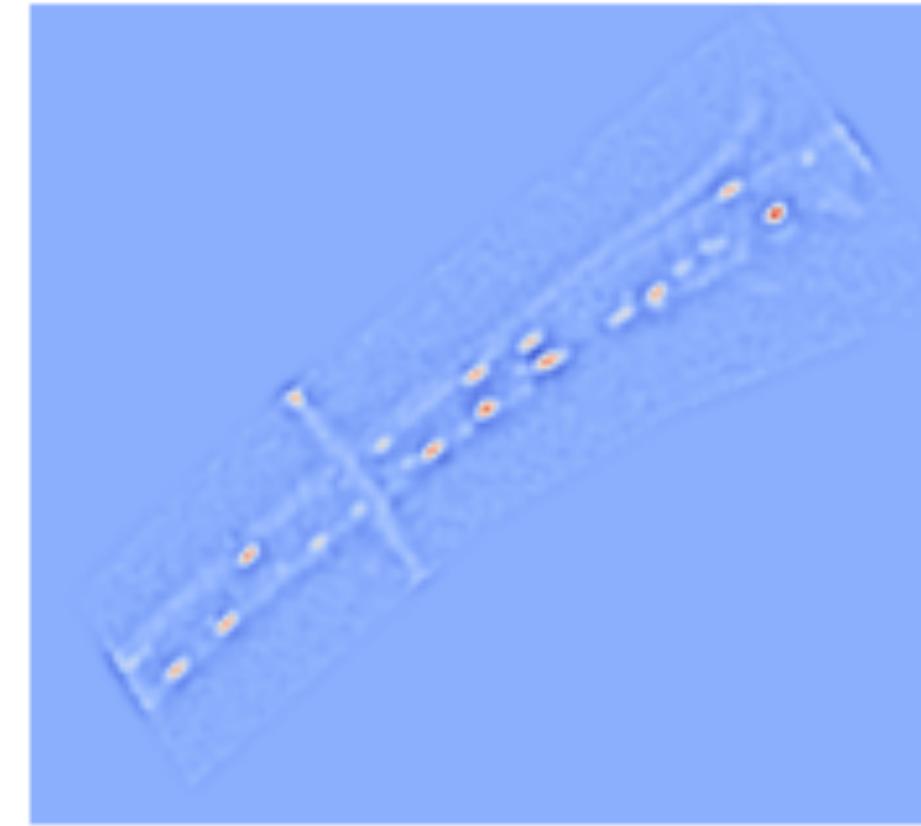
# Problem Setup

## Localization with Laplacian of Gaussian

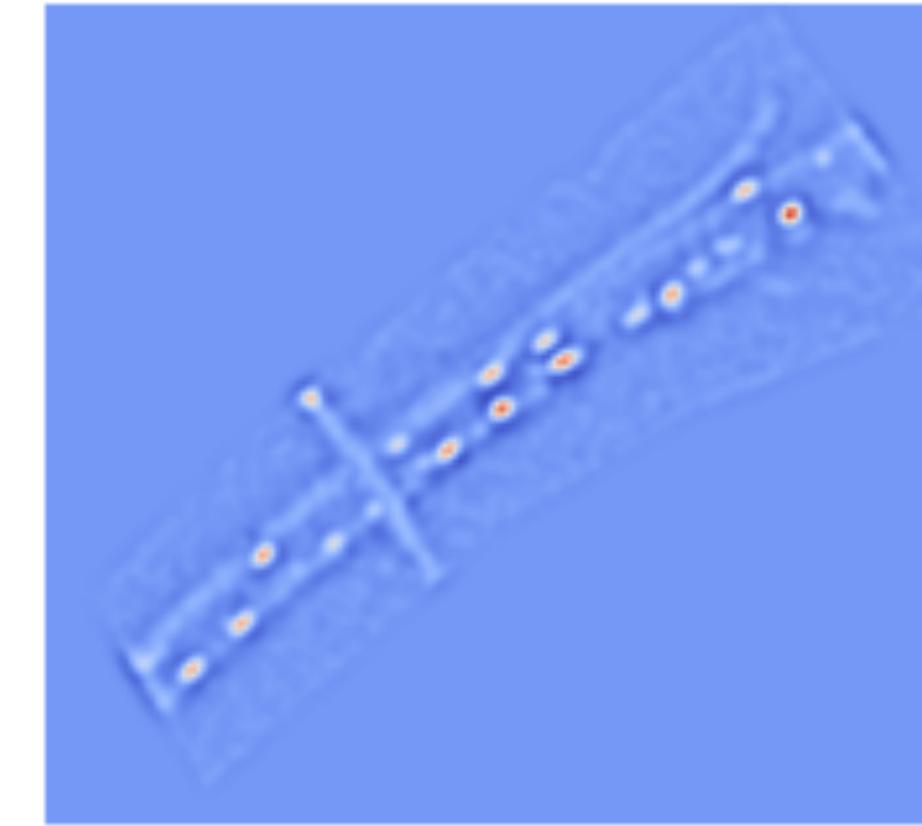
Original



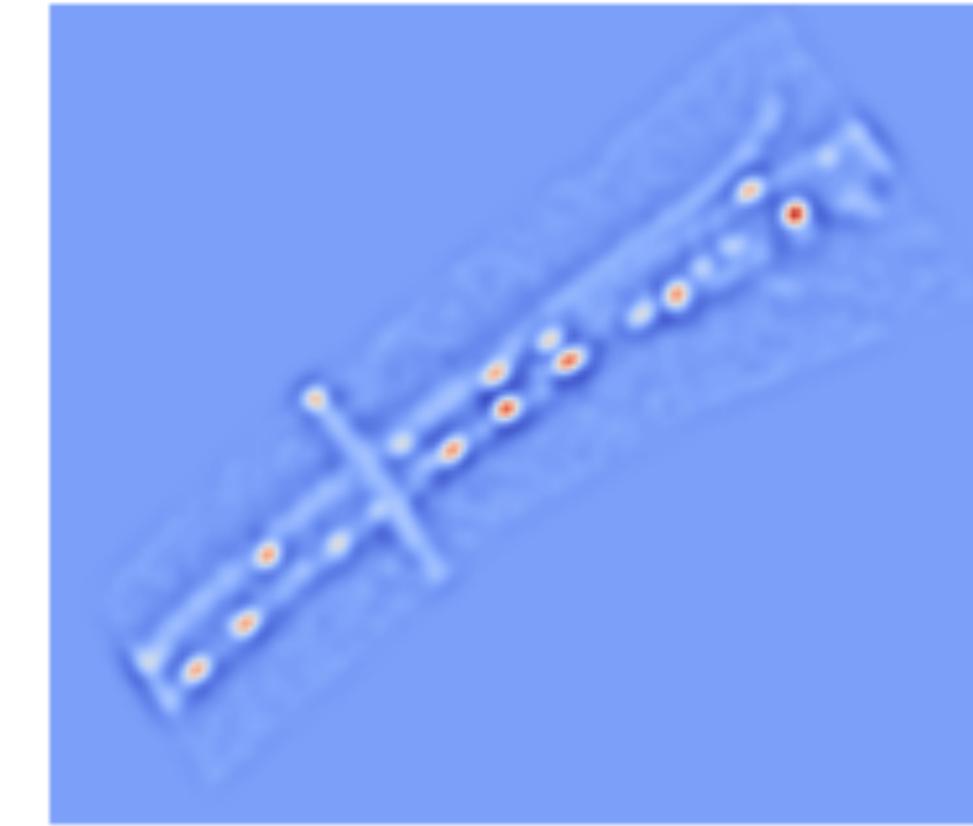
$\sigma = 1.00$



$\sigma = 1.50$



$\sigma = 2.00$



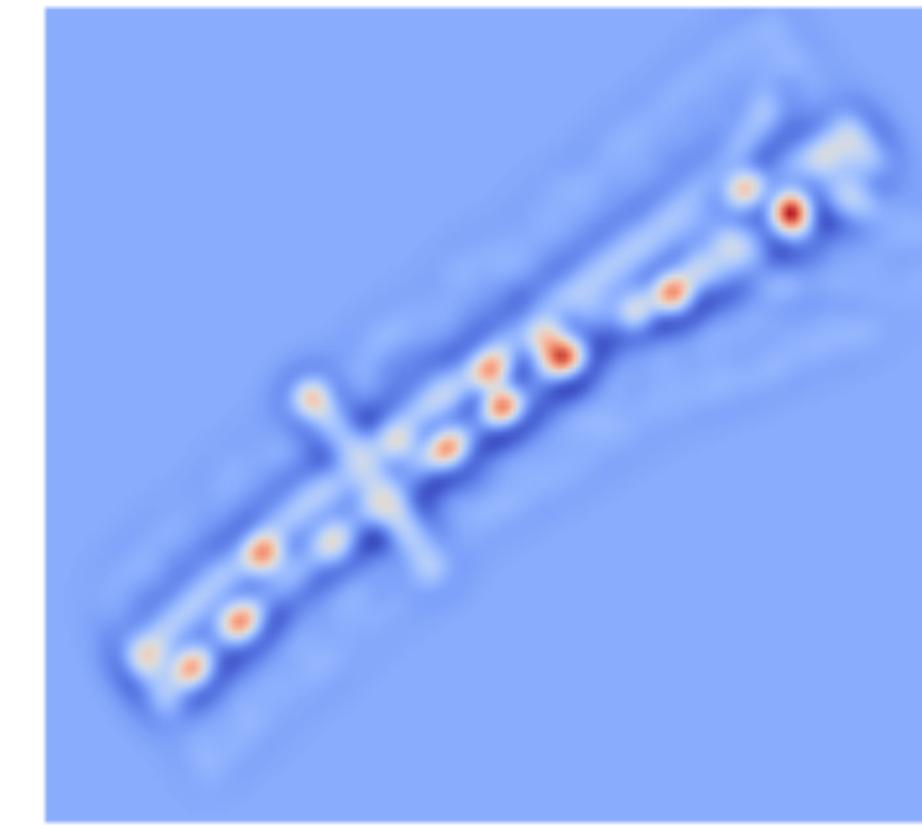
$\sigma = 2.50$



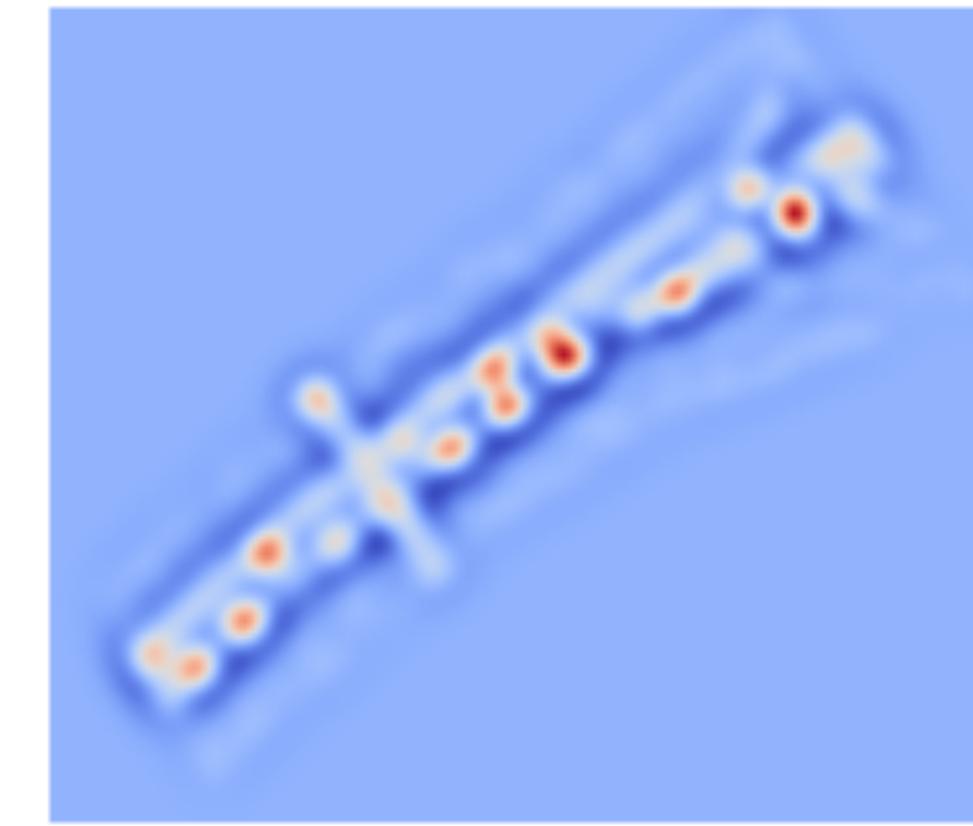
$\sigma = 3.00$



$\sigma = 3.50$



$\sigma = 4.00$



IoG applied on blue channel of at varying sigmas. We choose scales upto  $\sigma = 2.5$