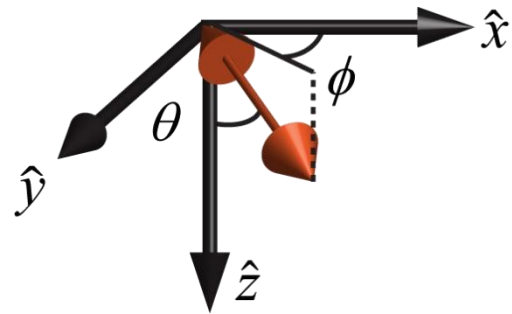
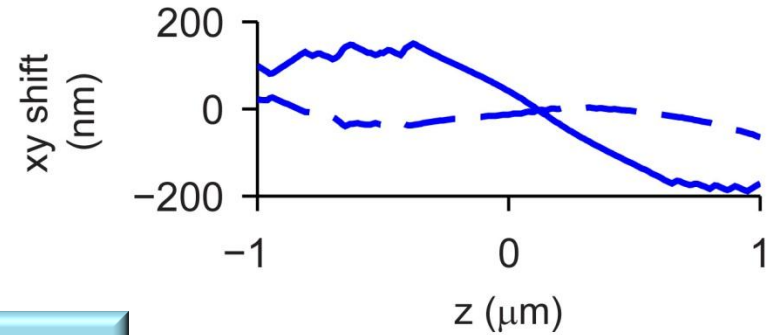


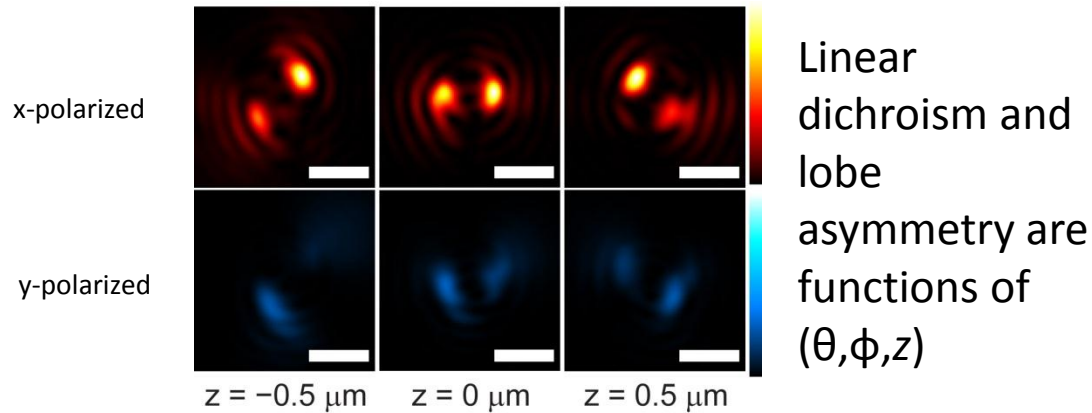
Simultaneous, accurate measurement of orientation and position using the Double-Helix Point Spread Function (DH-PSF)



Molecular dipole orientation affects apparent lateral xy position



The DH-PSF allows one to simultaneously measure orientation and position, and correct localization error



xy localizations of a SM measured at many z positions

