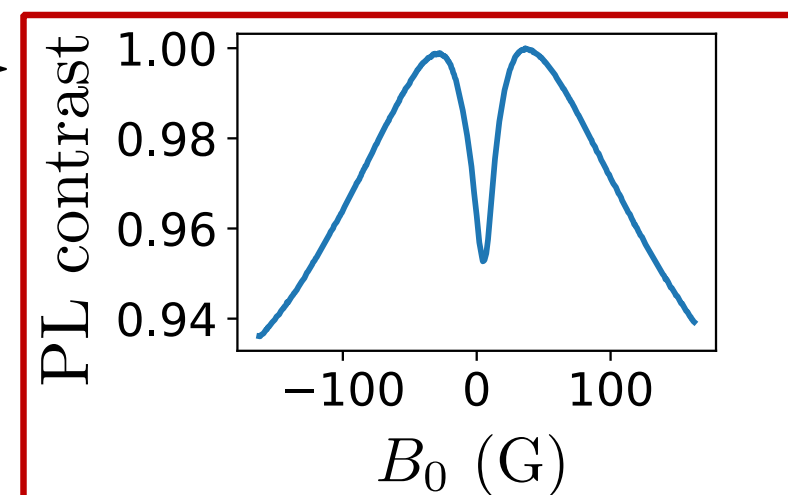
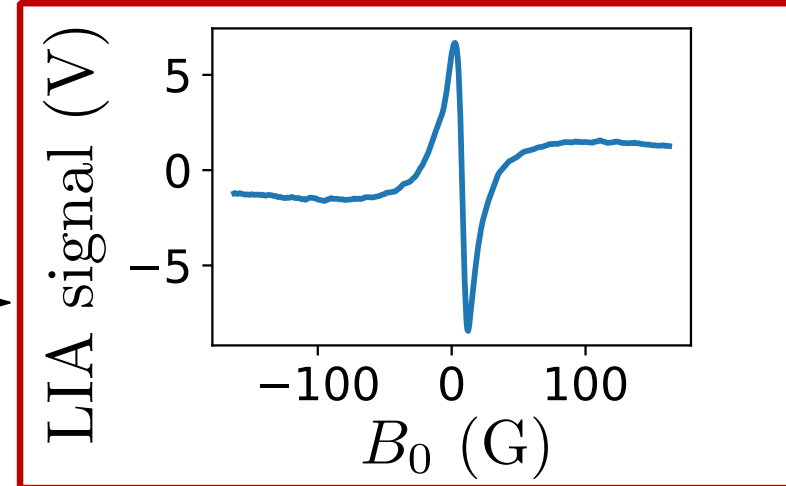
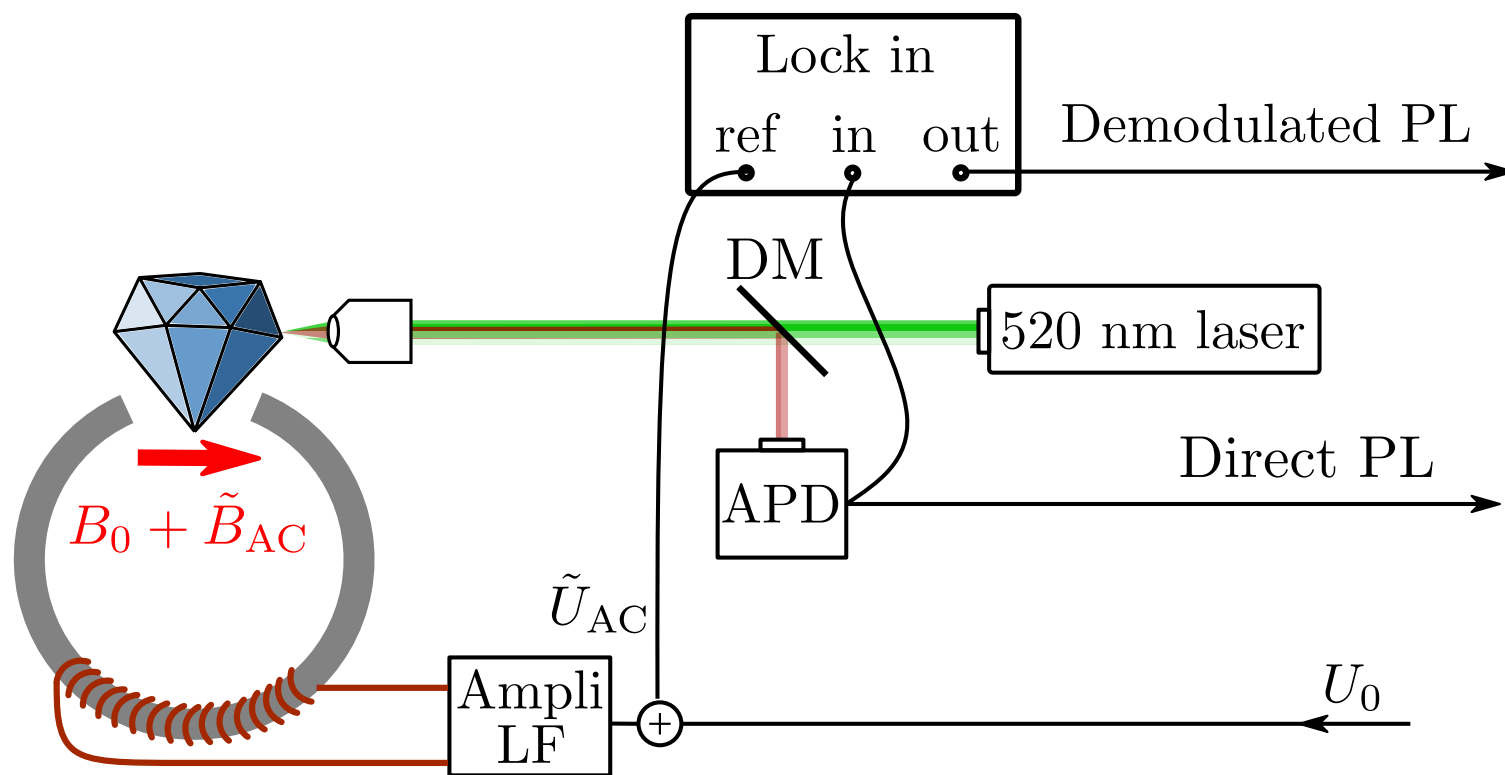
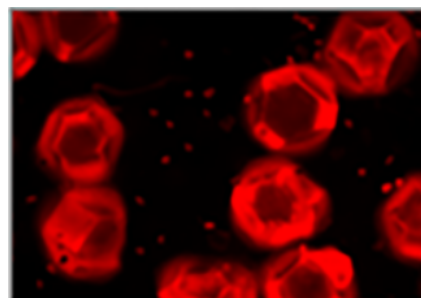


# Experimental setup



# Samples

Adamas 1/15/150  $\mu\text{m}$   
fluorescent microdiamond  
[N] = 100~200 PPM  
[NV]  $\sim$  3 PPM



## Experimental parameters

- $f_{\text{mod}} \sim 1 \text{ kHz}$
- $|B_{\text{mod}}| \sim 10 \text{ G}$
- $I_{\text{las}} \sim 1 \text{ mW}$
- $\text{PL} \sim 1 \text{ } \mu\text{W}$