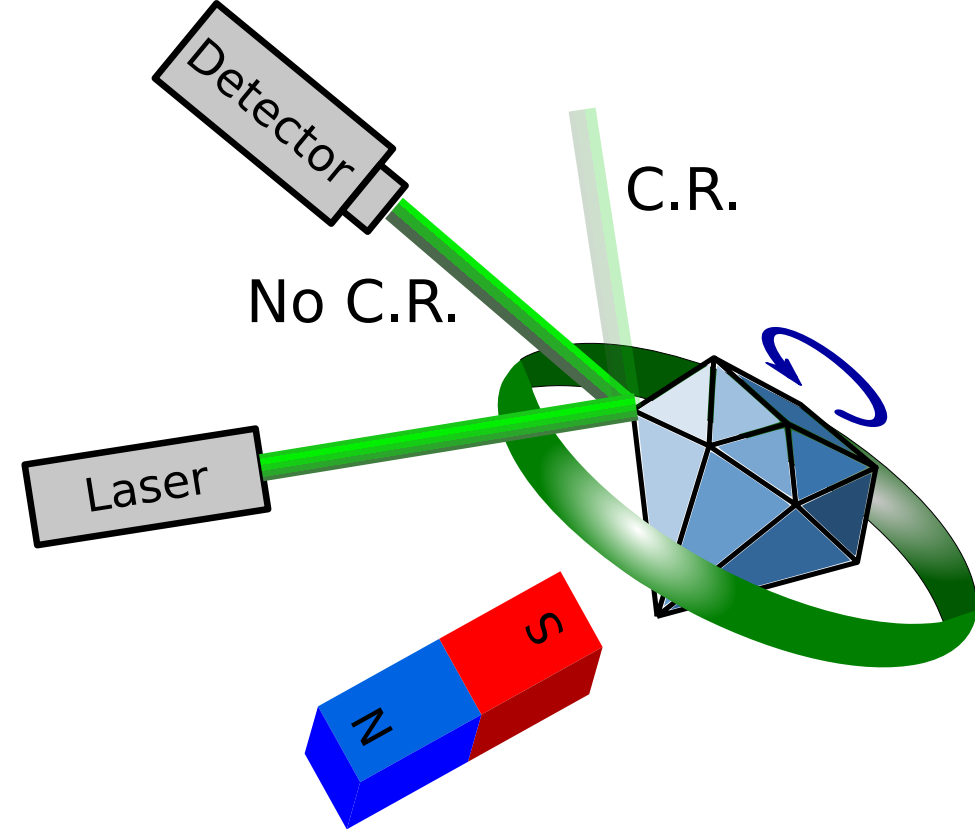


Cross-Relaxation between  $\text{NV}^-$  and new spin species ( $\text{VH}^-$ ,  $\text{WAR1}$ , ...)



Measurement of a torque induced by  $\text{NV}^- - \text{NV}^-$  CR on a levitating diamond