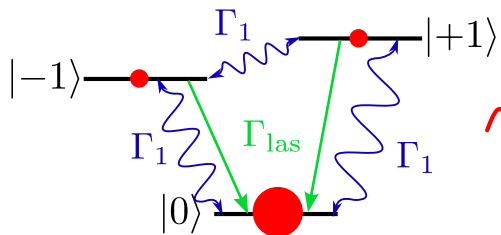
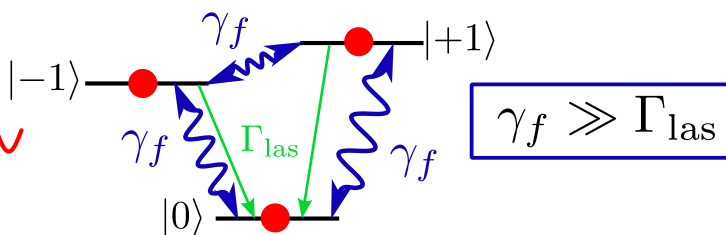


Normal NV



Fluctuator NV



Fluctuators are NV centers with a fast intrinsic depolarization mechanism



Localized noise sources with the spectral response of an NV center

Precedents in:

- P-doped Si
- solid-state NMR
- FRET

Possible microscopic explanation:

- charge tunneling
- modulation of J-coupling