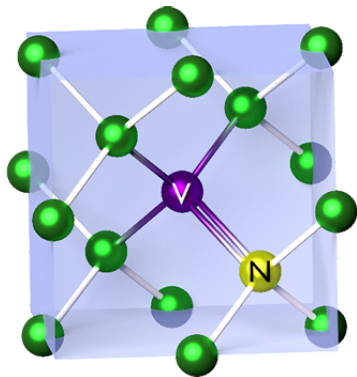


Group meeting : Cross-relaxation with NV centers ensemble in diamond

October 8, 2021

The Nitrogen Vacancy Center



- 0D fluorescent object with ZPL at 638 nm
- Controllable and readable spin at room temperature (!)
- Working with 10^9 emitters (typ.)