## Simulating photophysical properties of organic molecules and organometallic complexes using ORCA, DFT and Post-Hartree-Fock methods in a high-performance computing environment.

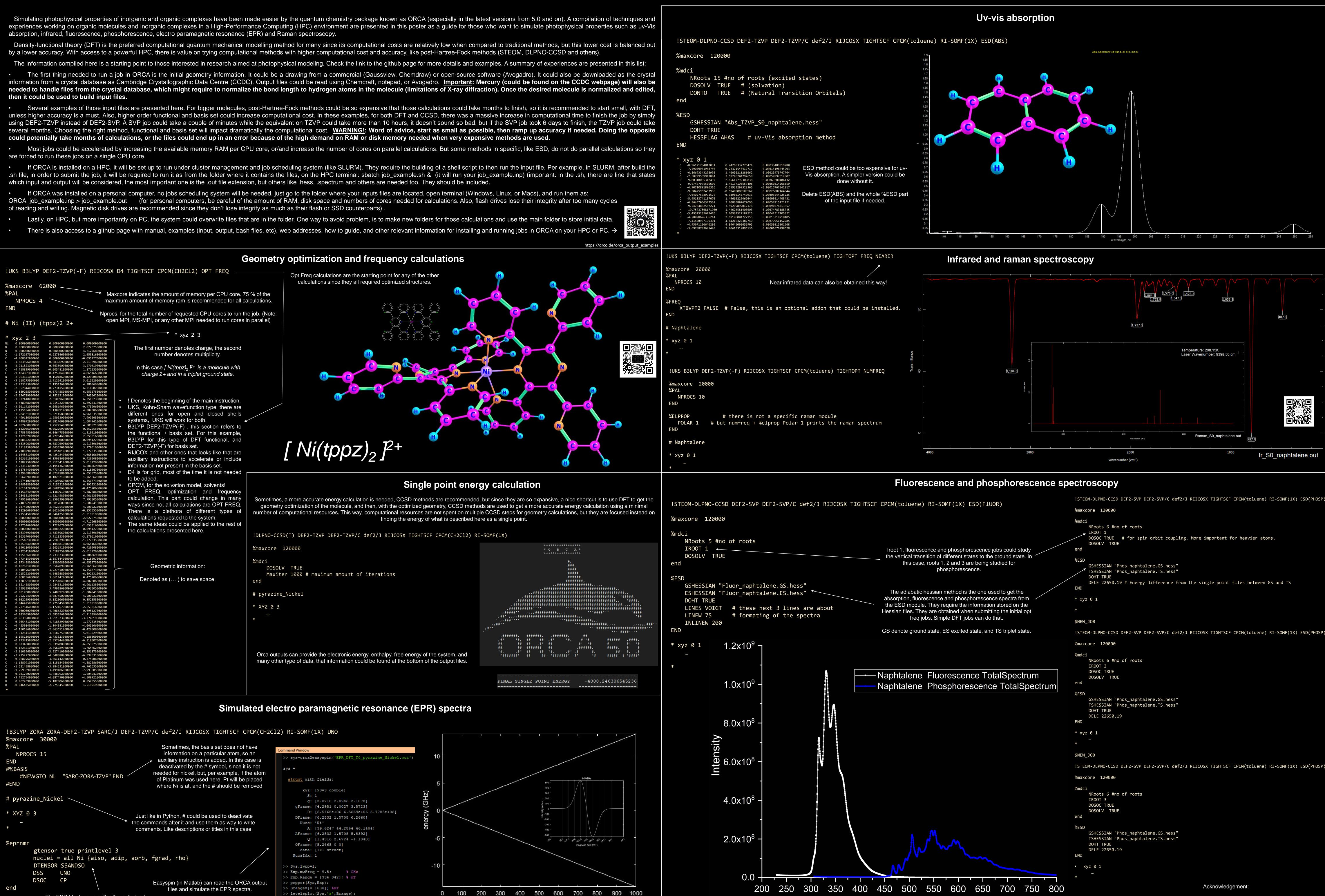


Calculations were performed at UNT, Cruntch3, NSF grant CHE-1531468

and at Texas Advanced Computing Center (TACC).

wavelength (nm)

**Domllermut C. Alamo** | Dr. David Hrovat | Dr. Thomas R. Cundari | Department of Chemistry | University of North Texas



magnetic field (mT)

The EPR block comes after the optimized

structure in the input file. Uncommon

It is also possible to simulate NMR spectra.