

Data Management Plan

- I The main body of the data resulting from the proposed project will consist of plots of fluorescence amplitude versus wavelength, plots of optically detected magnetic resonance contrast versus temperature and wavelength, optically detected magnetic resonance spectra, plots of photocurrent versus wavelength, plots of photoelectric detected magnetic resonance contrast versus microwave and optical power, photoelectrically detected magnetic resonance spectra, and two dimensional images. Theoretical simulations will be performed to facilitate the retrieval of the magnetic field and temperature as well as to model the population dynamics in the singlet state and singlet-triplet energy gap as a function of temperature. The data resulting from experiments and simulations will be stored as .dat and .txt files.
- II All the results of the proposed research will be published in peer-reviewed journals and conference proceedings and will be presented at scientific meetings. The related data will be available upon request.
- III No permission restrictions need to be placed on the data.
- IV In the long term, the data will be stored on external hard drives. Multiple copies will be made.
- V No further detailed plan is needed.