

†Electronic Supplementary Information (ESI)

**New copper(II)-radical one dimensional chain: Synthesis, crystal structure,
EPR, magnetic properties and DFT calculations.**

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Figure S1. Magnetic interactions scheme for chains $[\text{Cu}(\text{Phtfac})_2(\text{NITpPy})]_n$ (**A**), $[(\text{Cu}(\text{hfac})_2)_3(\text{NITpPy})_2]_n$, (**B**), and $[\text{Cu}(\text{hfac})_2(4\text{-QNNN})_2]_n$, (**C**).

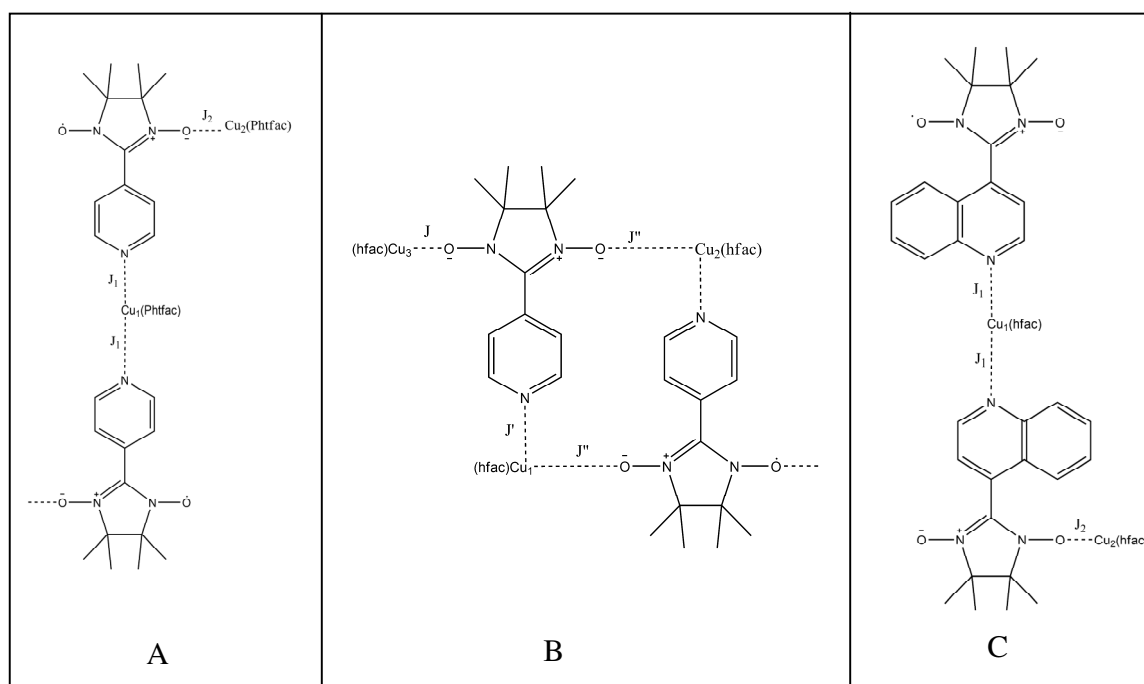
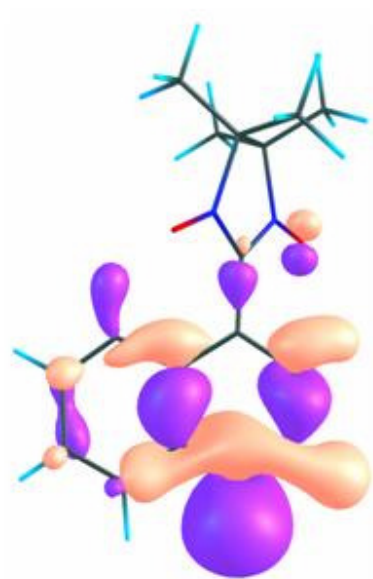
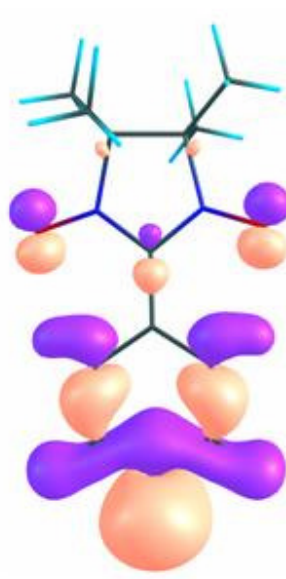


Figure S2. Electronic structure of the 4-QNNN (**A**) and NITpPy (**B**) radicals.



(A)



(B)