**Meeting 1/3/2021**

Roadmap for applying neural network ansatz to solids:

* Contact previous collaborators and inform of continuation
* Finalize Ansatz
  + What orbitals to use?
  + How to generate Hartree Fock orbitals for solids from PySCF?
* Sketch framework
  + How to distribute? (Laura)
  + Data management
  + Hartree-Fock pretraining
  + KFAC
* Write the codebase
  + Move over to JAX. Forward mode gradients provide a significantly more efficient way to compute the Laplacian. Include split single streams, no pairwise diagonal, no weighted sum of determinants
  + Compare isotropic and anisotropic orbitals
* Validate
  + What is previous VMC work on this system that we can compare the results to
* Scale to O(10) GPUs and make predictions about computational requirements for 50+ electrons
* Potentially scale to other systems, larger systems, and different Ansatz