Goals for Victor’s visit too JLab February 4 to June 6 2023

(Amy Sy, Sami Habet, Victor Lizarrraga, Carlos Hernandez-Garcia, Feb 7, 2023)

* Work with Sami on software setup (GEANT4 + ELEGANT, learn how to use JLab’s farm)
* Focus on studying straight ahead approach (using C foil of various thicknesses) and compare to chicane approach (using W target). This will require importing beam distributions generated by GEANT4 into ELEGANT (placing elements into existing injector beam line). However, the straight ahead approach loses flexibility of momentum spread selection.
* Amy will work with Dennis and Yves to schedule beam time for studying momentum acceptance in the existing injector chicane. This will give Victor an opportunity to see beam driving.
* Victor will work also on Rad Worker I training.