Actions Items

1. JLAB/KEK will cross-train with technical “know how” on e+ sources, especially for developing models and simulations,
2. JLAB will look into the GBAR experience, evaluate if there are synergies for generating positrons using a low energy (<10 MeV) electron beam,
3. KEK will share CST input files of the SuperKEKB e+ source to help JLAB benchmark and improve its design mode,
4. KEK is pursuing CST for particle tracking for the ILC design; JLAB will evaluate whether to do the same and evaluate simultaneously beam loading e-/e+ effects,
5. JLAB (Silviu) will make a CFD assessment of the KEK/ILC high power target,
6. JLAB/KEK will share and compile material properties and database parameters,
7. KEK will share results for the Cu/W junction tests and collaborate for a future test using the JLAB laser irradiation test stand in LERF Lab 6,
8. JLAB will evaluate if there is a sensitivity of the e+ bunch timing/properties to the target rotation alignment (wobbling),
9. JLAB (Andriy) will discuss with DESY possibility to perform material strength testing,
10. JLAB will explore limits of high-duty factor pulsed mode operation for CEBAF,
11. KEK/JLAB will plan a zoom call about ever two months (next around LCWS meeting)