

Status and future prospect of the GLCTA

GLCTA (Global Linear Collider Test Accelerator) is a facility to demonstrate that we are ready to build a linear collider with a warm technology. It is a great and important step to realize the GLC project. We have built the GLCTA at KEK and just started a high-power test of an X-band accelerating structure. In the near future, we will accelerate an ultra low-emittance beam from the ATF. It should be a good and direct demonstration of the GLC accelerator complex.

I will report a status and future prospect of the GLCTA.