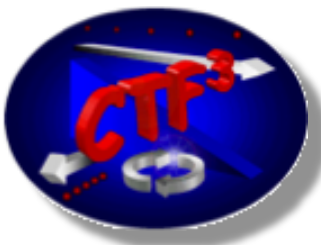




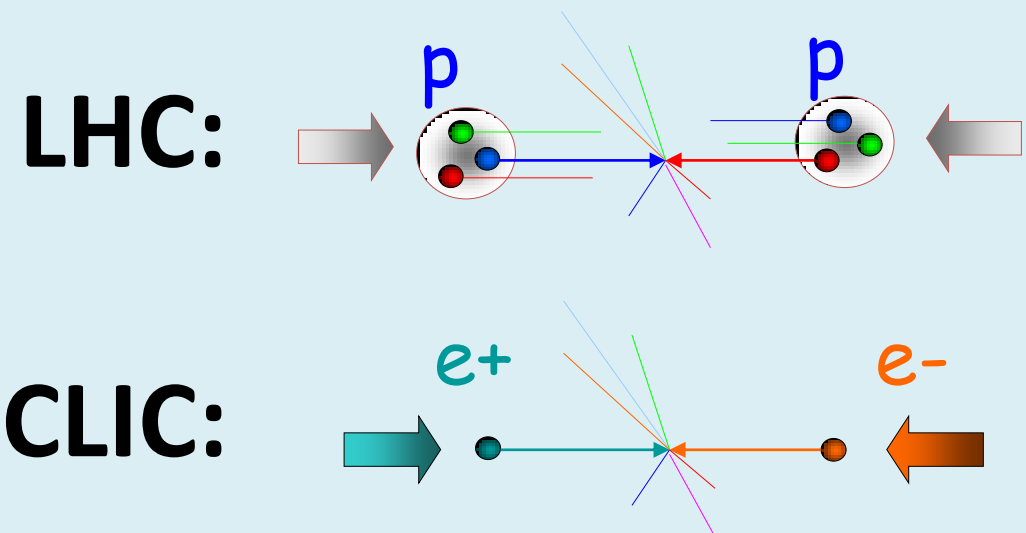
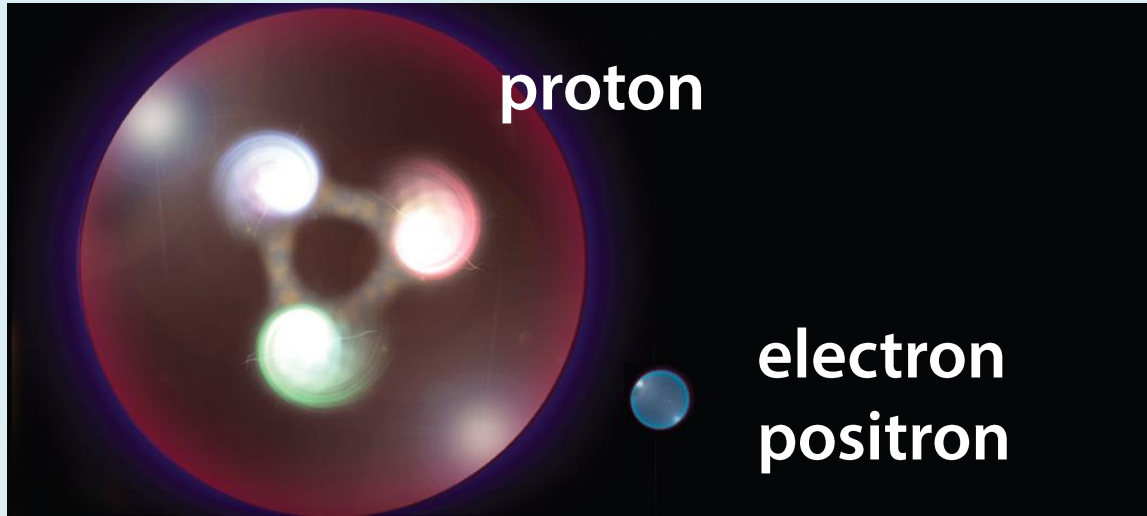
CLIC – Compact Linear Collider



A future accelerator to go beyond the findings of LHC

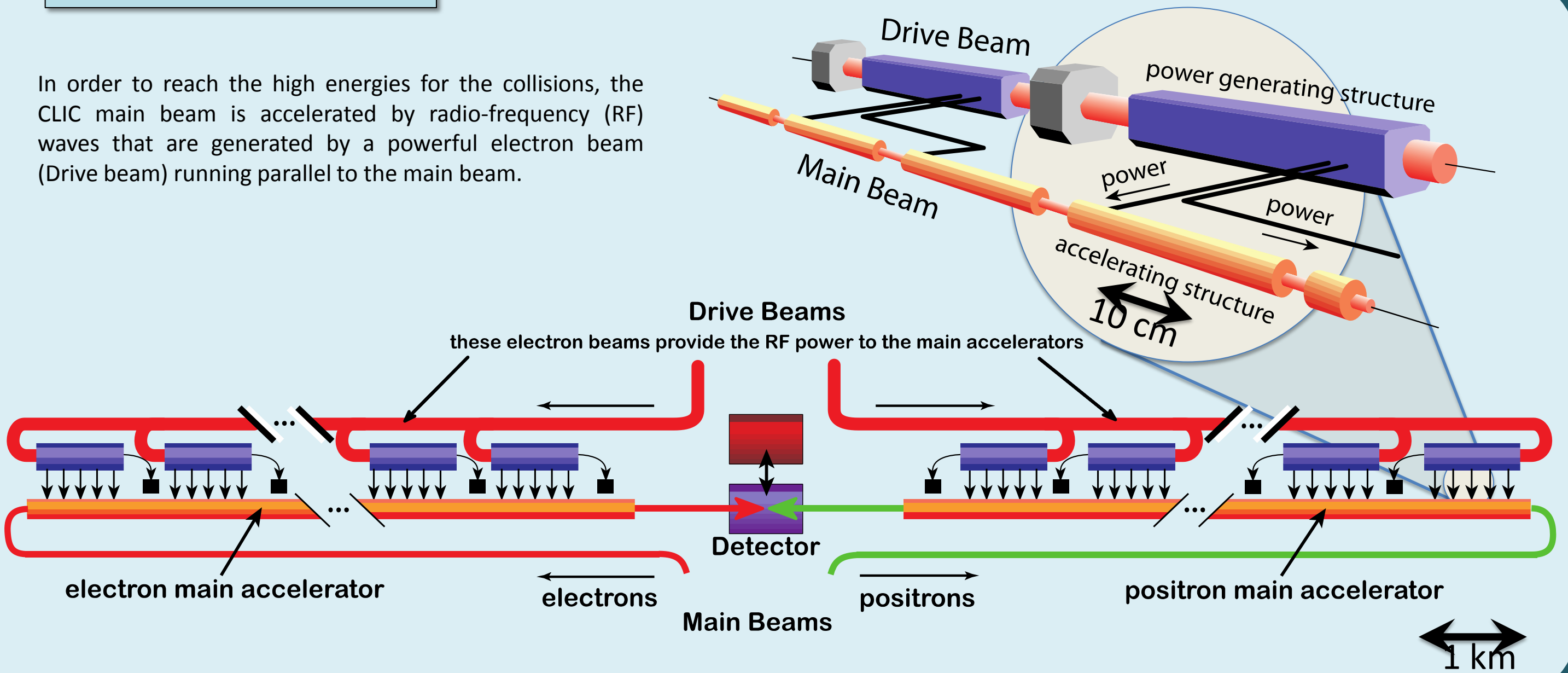
Protons versus Electrons

While the LHC collides protons, which are composite particles, CLIC collides electrons and their antimatter twins positrons, which are fundamental particles. This opens the door for much higher precision in the physics analysis.

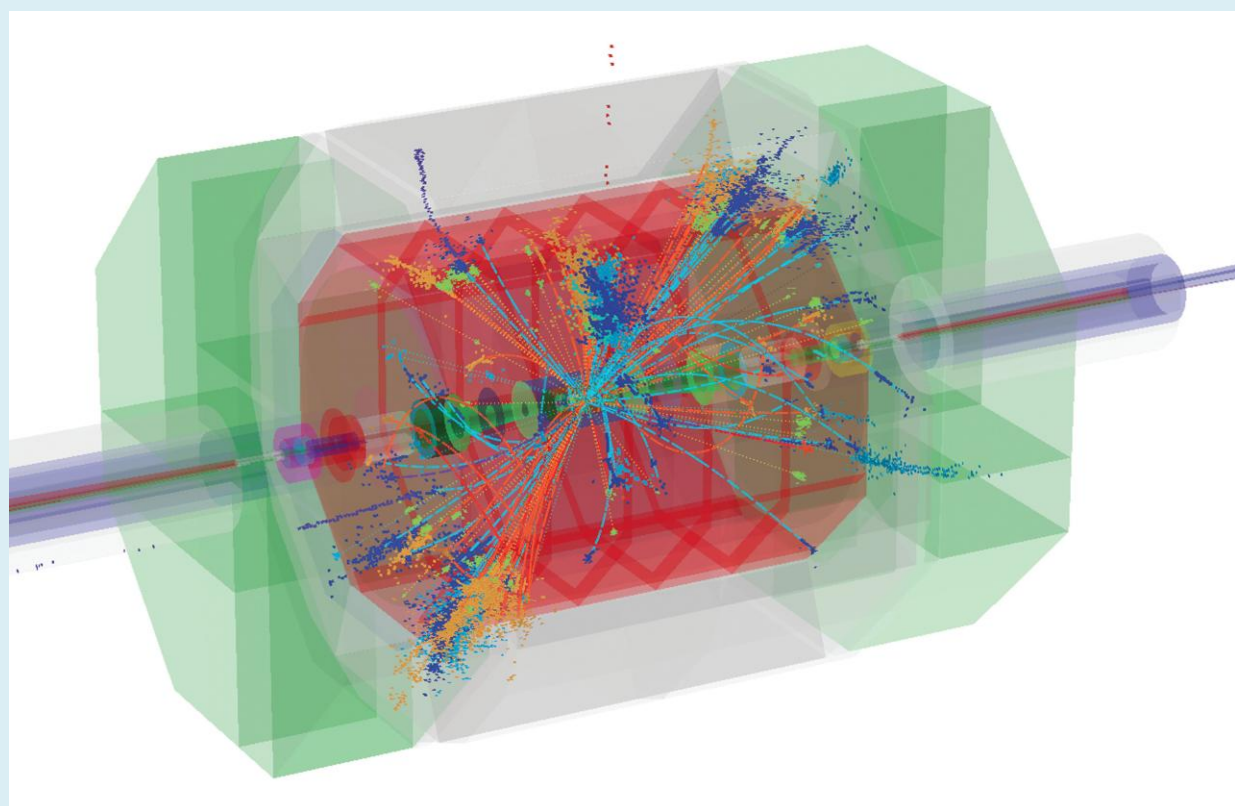


Two-beam acceleration

In order to reach the high energies for the collisions, the CLIC main beam is accelerated by radio-frequency (RF) waves that are generated by a powerful electron beam (Drive beam) running parallel to the main beam.

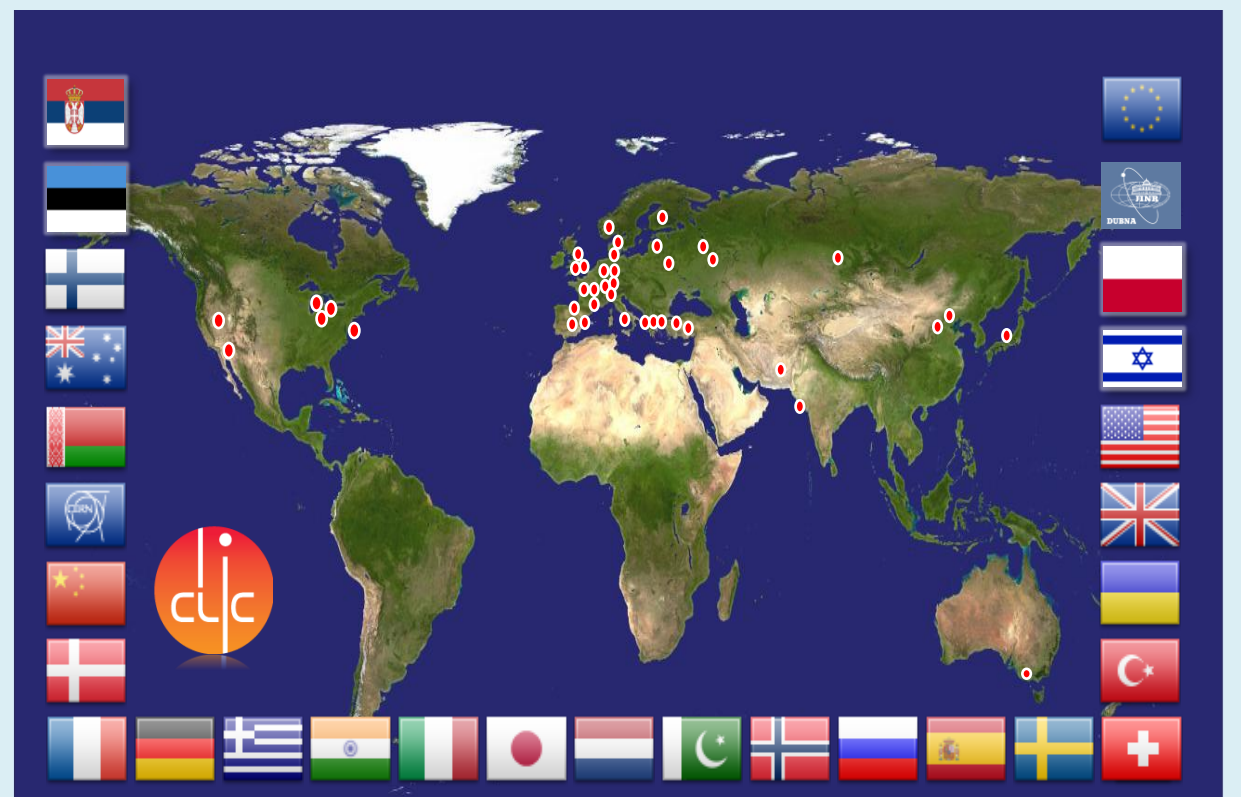


Detector



A detector similar to the LHC detectors, optimized for CLIC, will surround the collision point to record all the details of the collision.

Global Collaboration



The CLIC study is a global collaboration of more than 45 institutes from over 25 countries