

AØ RF-Gun Cooling System

Wednesday, 5 August 2009 10:30 (20 minutes)

The AØ Photoinjector (AØPI) consists of a Radio Frequency Electron Gun (RF-gun) that is cooled by a low-conductivity water (LCW) skid system. DESY will soon install a new RF-gun in the AØPI facility that will require the same cooling. Before the installation occurs it must be assured that the current cooling system for the AØPI RF-gun is up to par. We investigate how the AØPI RF-gun skid system was characterized, improved, and documented over the course of a summer.

Primary author: Ms HANNAH, Danielle (Spelman College)

Presenter: Ms HANNAH, Danielle (Spelman College)