

ACCELERATOR SEMINAR

Turkish Accelerator and Radiation Laboratory in Ankara (TARLA)

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Turkish Accelerator and Radiation Laboratory in Ankara (TARLA) is proposed as a first facility of Turkish Accelerator Center Project (TAC) to generate InfraRed Free Electron Laser (IR-FEL) ranging between 3-250 microns. The facility will consist of a thermionic gun based totally normal conducting injector, two superconducting accelerating ELBE modules operating at continuous wave (CW) mode and two independent optical cavity systems with different undulator period lengths. The electron beam will also be used for generating Bremsstrahlung radiation. In this talk, we present a summary for the facility and describe main components.

Thursday, August 15, 2013

11:00 a.m.

CEBAF Center, Room L102