Joint DESY and University of Hamburg Accelerator Physics Seminar

Tuesday, November 18, 2003

(16:00 in Room 459/30b)

Studies of Optical Functions for TTF Phase 2

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Abstract

The upgrade for TTF2 includes a number of modifications in the beam line. This talk presents the studies on the optical functions for the beam line from the injector up to the dump. The linear optics of the total line, the impact of the properties of individual components, and the accurate matching between different components are presented. The chromatic behaviour of the system, and the effect of the transverse space charge in the transport line after the linac are discussed.

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