Joint DESY and University of Hamburg Accelerator Physics Seminar

Tuesday, January 09, 2007

(16:00 in Room 459/30b)

CW and Near–CW Operation of a Superconducting Linac Driving a FEL Facility

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Abstract

The presentation will address the following topics:
1. Parameter set for the cw-operation of XFEL-type cryomodules ata fixed moderate cryogenic load and fixed moderate RF-power for a wide range of the accelerating gradient.
2. Status of the 120 kW IOT transmitter for the cw operation.
3. Progress in the cw SRF- electron gun with the superconducting cathode.

D.P.Barber (MPY), S.Khan (Univ. HH), J.Roßbach (Univ. HH) and M.Vogt (MPY).

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