Joint DESY and University of Hamburg Accelerator Physics Seminar

Wednesday, 26.09.2018

(11:00 in Room 459/30b)

Advanced Lasing Concepts to Generate Short X–Ray Pulses

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Abstract

X–ray Free–Electron Lasers are the brightest X–ray light sources used for scientific applications. The desired bright and very short pulses are obtained by optimally shaping the electron beam prior to lasing. Advanced concepts like beam tilt correction and different Fresh–Slice operation schemes are pushing the limits of the photon pulse properties. These concepts are proven user delivery modes at LCLS and thus are of potential interest also for EuXFEL.

NOTE THE UNUSUAL DATE AND TIME

W.Hillert, (Univ. HH), I.Agapov (MPY) and M.Vogt (MFL).

Visit our web site at `http://www-mpy.desy.de/AccPhySemDESY/index.html`