



INVITATION

GFA SEMINAR

Current Status of the PAL XFEL Project

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Date: Friday, 7 December 2012

Seminar: 11.00 h

Place: WBGB/019

Abstract:

PAL XFEL project is aiming to produce 0.1 nm coherent X-ray laser to photon beam users. In order to produce such photons, there are 10-GeV electron linac based on S-band normal conducting accelerating structures and a 150-m long out-vacuum undulator system. The project is already started in April 2011, and is expected to be completed its construction by the end of 2014. The commissioning will be carried out in 2015. Currently, the building construction has started, and the injector test facility which is the first 139-MeV section of the main linac is now ready in newly added corner of the PLS linac building. In this talk, I will introduce the project in general, domestic developments of subsystems, and details of building design and construction.

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