

SURVEY AND ALIGNMENT FOR THE NEW SWISSFEL ACCELERATOR

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The new SwissFEL Accelerator is a free electron Laser which will be buildt at Paul Scherrer Institute (PSI) Villigen in Switzerland. The design of the 700m accelerator consists of the Gun, Injector, C-Band LINAC and 2 Undulator lines. Start of building construction works is 2013, machine Installation will start at the beginning of 2015. 1st Beam is expected for End of 2016. A dedicated 250MeV-Injector-Testfacility is already running since 2010.

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