

GFA Accelerator Seminar

Monday, 19 February 2018, 16.00 h, WBGB/019

Bunch Compression Monitors at SwissFEL

Franziska Frei, PSI

The envisaged beam performance stability for SwissFEL demands for a high stability of the accelerating RF-fields.

To stabilize the corresponding phases with respect to the electron bunches, compression monitors are/will be installed after each compression stage.

This talk will summarize the first commissioning results and the current status of the bunch compression monitors at SwissFEL.

Beam Loss Monitoring at SwissFEL

Cigdem Ozkan Loch, PSI

This talk aims to give a short reminder about the loss monitors installed at SwissFEL, delve into the existing and planned system functionalities, demonstrate how these monitors function at SwissFEL and talk about the remaining commissioning steps. Current status of the ATHOS loss monitors will also be presented.