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Experience from MP in Flash, lessons for XFEL

Wednesday 6 June 2012 10:00 (30 minutes)

This presentation gives an overview of the Machine Protection System (MPS) for the Free electron LASer at Hamburg FLASH. It describes MPS components and functionality, development over the years. FLASH started as a test facility, had been extended and is now operated as a user facility. Similarities and differences of the MPS for FLASH and XFEL will be presented as well as operation experiences at FLASH. Especially the high current test runs for ILC revealed a few disadvantages in the design and gave lessons for XFEL MPS.

Presenter: STAACK, Martin

Session Classification: Introduction; Machine protection, experience and challenges