

MicroTCA for the Optical Synchronization Systems at XFEL and FLASH

Thursday 12 December 2013 10:15 (13 minutes)

The optical synchronization system which is responsible for providing a femtosecond stable timing reference for beam diagnostics, laser synchronization, and the LLRF control at Flash and the European XFEL will use MicroTCA hardware for signal detection, feedback control, and actuator driving. For these purposes some special and some general purpose modules (AMC, RTM, FMC) have been developed. This talk gives a brief introduction to the system and the planned topology of the MicroTCA hardware.

Primary author: Mr FELBER, Matthias (DESY)

Presenter: Mr FELBER, Matthias (DESY)

Session Classification: Applications in research facilities

Track Classification: Applications in research facilities