

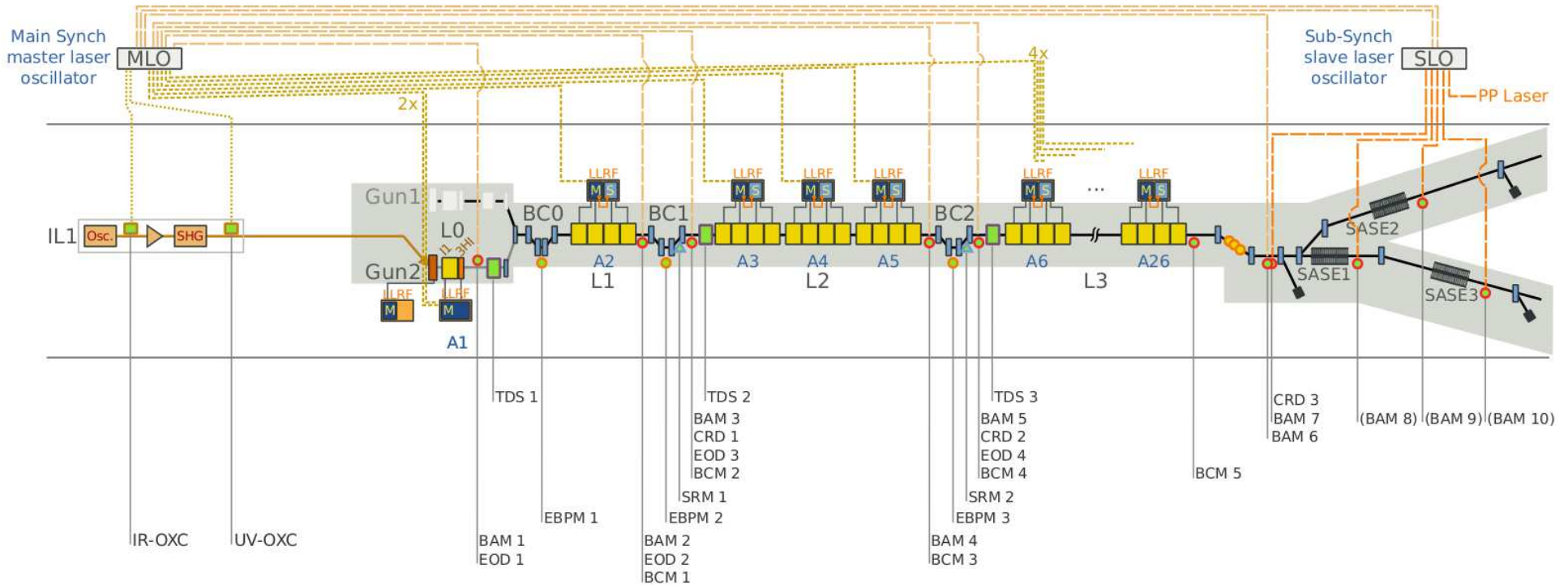
Speed Poster.

Status of the Optical Synchronization System at European XFEL.

Mikheil Titberidze
on behalf of Lbsync Team
4th ARD ST3 Workshop
Berlin, 13-17 July 2016

Speed Poster.

European X-Ray Free-Electron Laser



Goal is to provide drift-free reference to end-stations along the tunnel for synchronization:

- Bunch-Arrival Time Monitors
- RF Reference Stabilization (RefmOpt)
- Laser Synchronization

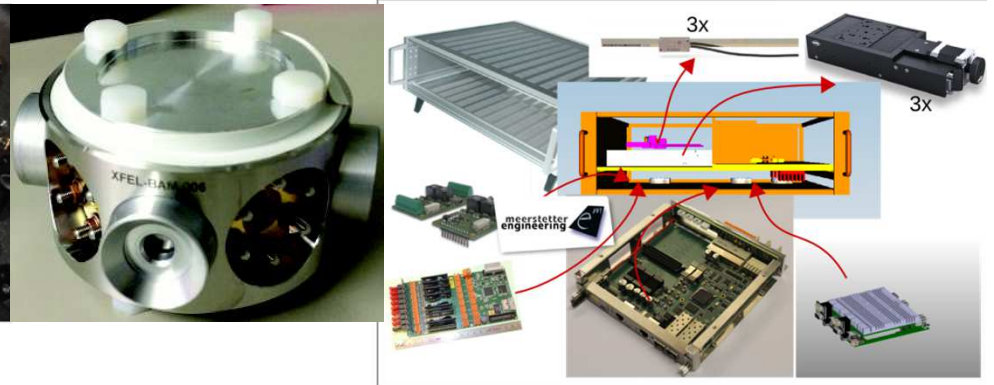


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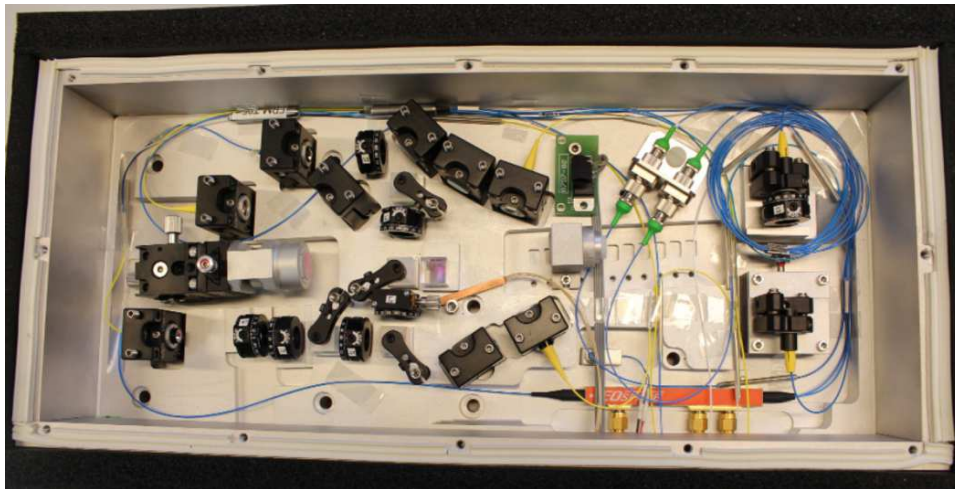
Link-Stabilization-Unit (LSU)



Bunch Arrival Time Monitor (BAM)



RF reference stabilization (RefmOpt)



Laser Synchronization (L2L)

