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SP3: Precise Optical Synchronization for FELs, Electron Diffraction, and LWA/LPA Facilities at DESY

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This Poster gives an overview on the laser-based synchronization and pulsed optical reference distribution activities at DESY, covering large-scale systems like the one for the European XFEL with more than 30 actively stabilized fiber links with up to 3.4 km length, as well as the many other setups for different machines like REGAE, SINBAD, and FLASH including the plasma experiments within the LAOLA collaboration.

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