

Automating beam alignment at the European XFEL

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Large-scale facilities like European XFEL consist of numerous subsystems, where precise real-time tuning is essential for maintaining stable and optimal performance. Automation techniques can be leveraged to reduce operators' time investment and potentially increase the exploitation of allotted beamtime, both in quantity and quality. In this talk, we will discuss our ongoing efforts to automate the alignment of optical components across multiple subsystems.

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