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Availability Performance of SLAC's LCLS X-ray FEL

The Linac Coherent Light Source (LCLS) X-ray FEL, in operation since spring 2009, is in the middle of its 3rd user run. Availability and hardware reliability performance of the machine are reviewed. Work under way that is expected to improve availability and reliability is described. The high flexibility of the parameter space that the machine can deliver; as well as the multiplicity of different users' requirements; present an interesting question on the figures of merit for availability determination. An attempt is made on defining X-ray availability for the LCLS FEL. Expected X-ray beam quality may be included on availability determinations.

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