

Status of the LCLS-II SRF Accelerator

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The SLAC National Accelerator Laboratory has completed the installation and checkout of a SRF linac for the LCLS-II, an ultra-bright Free Electron Laser. The LCLS-II is composed of 296 SRF cavities plus 2 NC cavities, each with its own LLRF control system and dedicated RF amplifier. At the time of this abstract submission, beam transport through the soft X-Ray undulators is imminent and first light from the LCLS-II facility is highly anticipated. This LCLS-II status talk will briefly describe the SRF linac, the RF system, and discuss SRF commissioning of the LCLS-II linac.

Keyword

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