PCDS Home

The Photon Control and Data Systems (PCDS) group is responsible for providing all the control and data systems needed by the photon side of the Linac Coherent Light Source (LCLS).


This infrastructure covers all the subsystems of the eXperimental End Stations (XES), the X-ray Transport Optics and Diagnostics (XTOD), the LU SI experiments, the Atomic, Molecular and Optical physics Instrument (AMO), MEC, and other future instruments.

Included are slow controls (motors, vacuum, supplies, cameras) and fast data-acquisition, real-time online processing, data storage and data reprocessing & analysis, and support of users.

FEH Mezzanine (December 3rd 2009)

Server Room (April 7th 2010)
NEH Server Room Black Widow 15 July, 2010