

Microsymposium

MS44.O02

Detector program for the LCLS complex

C. Kenney¹, G. Blaj², P. Caragiulo², G. Carini², A. Dragone², P. Hart², J. Hasi², S. Herrmann², B. Markovic², S. Osier², J. Segal², A. Tomada², G. Haller²

¹SLAC National Accelerator Laboratory, LCLS, Menlo Park, USA, ²SLAC National Accelerator Laboratory, Research Engineering Division, Menlo Park, USA

Over five years of operation the Linac Coherent Light Source has helped established free-electron lasers as a radically new paradigm for x-ray-based science. Part of this has been the demonstration of novel experimental techniques and the qualification of established methods in the LCLS environment. To take full advantage of this machine, a complimentary suite of detectors must be made available to scientists. Progress towards this goal will be described along with experience gained from operating within the LCLS environment. The status of currently installed detectors as well as future plans will be presented.

Keywords: LCLS, Detector, SLAC