

Proposal Preparation Workshop for AMO and other soft x-ray experiments at the LCLS

June 2-3, 2008

Stanford Linear Accelerator Center

The Linac Coherent Light Source (LCLS) at the Stanford Linear Accelerator Center (SLAC) is quickly approaching completion with first light anticipated in July 2009. The Atomic, Molecular and Optical (AMO) science end-station will become operational at the same time and the first round of proposals to use it are due in the September 2008. To assist you in preparing a successful proposal to use the LCLS and the AMO instrumentation, a workshop will be held at SLAC on June 2nd and 3rd, 2008. The workshop will provide participants with information needed to write a good proposal and offer the opportunity to ask questions about the LCLS and AMO instrumentation.

Topics to be discussed at the workshop include:

- Detailed description of the AMO instrumentation
- Expected LCLS FEL beam parameters
- Status of the construction
- LCLS access policy
- Scientific goals of the AMO instrumentation
- Plans for a soft x-ray beamline for condensed matter research
- Relevant experience from other facilities and techniques
- Presentations of proposed research projects from individual investigators
- Discussions of planned experiments

If you plan on submitting a proposal to use the AMO instrumentation at the LCLS, you will benefit from attending this workshop to both understand the unique nature of experiments at the LCLS and to get the information you need to write your proposal. If you are unable to attend, much of the information presented will be made available afterwards on the AMO web pages of the LCLS. Given sufficient demand, the workshop and presentations can be repeated in August. Proposal information will also be provided at the LCLS Users' Meeting Oct. 15-18, 2008, although this will be after the first call for proposals is closed. Further information, including the schedule for the workshop will be posted on the web site as it becomes available.

Please register for this (free!) workshop and help us to be sure we have enough space and coffee by informing Helen or John of your intention to attend.

For further information and to register contact:

Helen O'Donnell heleno@slac.stanford.edu (650) 926-3368

or John Bozek jdbozek@slac.stanford.edu (650) 926-5091

AMO Instrument web page: <http://www-ssrl.slac.stanford.edu/lcls/AMO>

Travel and Accommodations:

SLAC is easily accessible from the San Francisco International airport, see <http://home.slac.stanford.edu/visitslac.html> for directions. A block of rooms at the Stanford Guest House <http://www.stanford.edu/dept/rde/guesthouse/>, conveniently located on the SLAC campus, will be held until a month before the workshop and can be booked for \$75/night by calling (650) 926-2800 and mentioning the AMO Workshop.