

PHOTON SCIENCE FACULTY POSITION (Associate or Full Professor)

The Photon Science Department at SLAC and Stanford University invites applications for a tenured position at the Associate or Full Professor level. The successful applicant will provide technical and intellectual leadership to the Stanford faculty with a focus on research at the frontiers of X-ray ultrafast science. This will involve engaging with Department colleagues and mentoring graduate students and postdoctoral.

The successful applicant will also direct the Science, Research and Development (SRD) Division at the Linac Coherent Light Source (LCLS). Reporting to the Associate Laboratory Director (ALD) for LCLS, the SRD Division Director will be expected to develop and execute world-leading research programs at LCLS and function as a critical member of the LCLS Leadership team. The successful applicant will:

- Direct and develop a research team of scientific and technical staff, both individually and collectively
- Drive the continual development of in-house scientific excellence, innovation, and adventure in our scientific and technical staff. Oversee all aspects of hiring, performance management, and staff development
- Lead the design, planning, and execution of the LCLS research programs. Work with the wider LCLS team and user community to:
 - 1) Identify prioritized research directions for LCLS that will deliver internationally leading results at a scale commensurate with the investment and ambition of our laboratory and sponsors
 - 2) Plan, commission, and exploit the identified developments
- Foster a highly collaborative, positive, respectful, and inclusive culture in all aspects of our work

The Linac Coherent Light Source (LCLS) is an internationally pre-eminent X-ray science facility, operated by Stanford University at the SLAC National Accelerator Laboratory on behalf of the Department of Energy, Office of Science. This facility provides world-leading scientific capabilities to a global user community, covering a very broad research portfolio.

This is a pivotal time for LCLS, and a rare opportunity to shape the scientific nature and direction of the facility. We are nearing completion of LCLS-II, representing more than a billion dollars of investment in a new accelerator complex that will increase the X-ray repetition rate and average power by almost 4 orders of magnitude. LCLS-II will transform our ability to observe electronic and molecular dynamics, with a new suite of end stations being designed to make optimum use of the new sources. A subsequent upgrade to enable the delivery of high energy X-rays (LCLS-II-HE) is also underway, opening up the study of rare events, transient phases, and heterogeneous systems with atomic resolution and femtosecond precision.

The successful applicant will have a Ph.D. in a scientific field strongly related to LCLS science, with at least 10 years of post-Ph.D. professional experience including:

- Extensive body of research, development, or applied work that is internationally acknowledged to have defined major advancements in research
- Extensive experience leading and managing scientific and technical research groups and proven ability to mentor junior staff and peers, with a strong focus on career development
- Substantial experience in delivering complex, multi-year technical projects

- Work and communicate effectively with a diverse population

Please submit application materials through Academic Jobs Online:

<https://academicjobsonline.org/ajo/jobs/13721>

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford welcomes applications from all who would bring additional dimensions to the University's research, teaching and clinical missions.