



3rd Berkeley-Stanford Summer Schools on Synchrotron Radiation and its Applications In Physical Sciences and Life sciences

July 7-13, 2002



Structural Biology Summer School 2000



Berkeley-Stanford Summer School 2001

The 2002 Berkeley-Stanford summer school will provide basic lectures on the synchrotron radiation process, requisite technologies, and a broad range of scientific applications. The 3rd Berkeley-Stanford Summer Schools are offering courses in the Physical Sciences and the Life Sciences, and include interdisciplinary sessions as well as tours of the facilities. The Summer Schools will be limited to approximately forty participants in each course. In the Physical Sciences course, some preference will be given for those pursuing doctoral research in which synchrotron radiation is expected to play a significant role. The Life Sciences course will focus on structure determination using synchrotron radiation x-ray crystallography and will provide intensive training in x-ray diffraction, data collection and structure determination. Participation is encouraged for students, postdoctorals and independent scientists who have ongoing research projects or significant interest in using macromolecular crystallography.

Prospective participants are encouraged to fill out an application at <http://smb.slac.stanford.edu/SR-School/>. This web-site also contains additional information about the preliminary program, location and costs.

The summer school is jointly organized by the University of California at Berkeley, Stanford University, Lawrence Berkeley National Laboratory, and the Stanford Synchrotron Radiation Laboratory with additional funding support from DOE, NIH, and corporate sponsors. Lectures will be presented by renowned scientists from these four organizations and the international scientific community. There will also be visits to the two facilities involving experimental practice. This years Summer School will be housed at Stanford University campus with David Attwood (attwood@eecs.berkeley.edu) and Anders Nilsson (nilsson@ssrl.slac.stanford.edu) as directors for the physical science course, Peter Kuhn (pkuhn@stanford.edu) and John Kuriyan (kuriyan@uclink.berkeley.edu) as directors for the life science course.