

Special
Day!

LEPP Journal Club

Tuesday, February 28, 2012. 4:00 pm (3:45 refreshments)
401 Physical Sciences Building

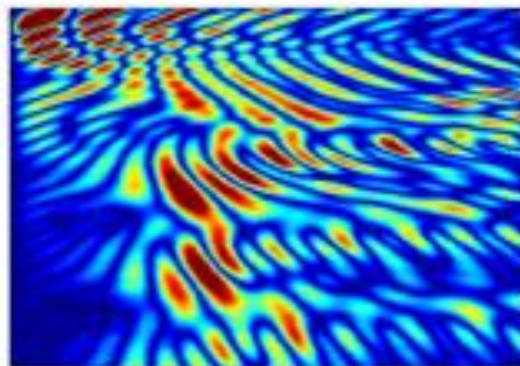
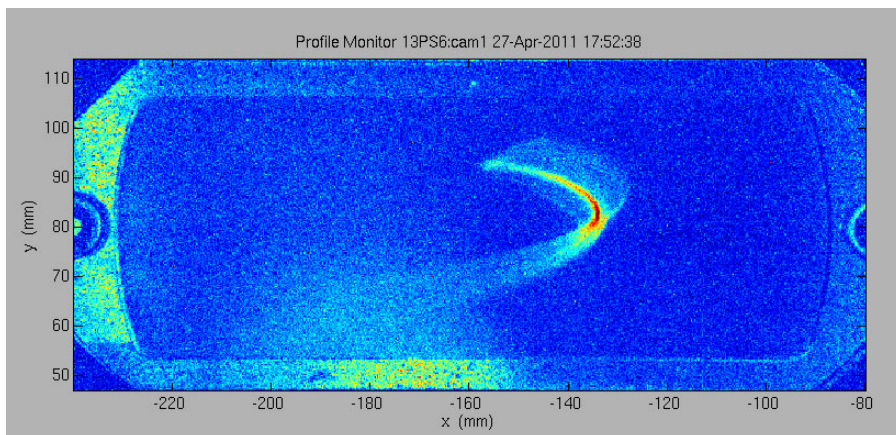


Dao Xiang

SLAC National Accelerator Laboratory

An adventure in marrying laser arts & accelerator technologies

A free electron laser, driven by a relativistic electron beam, can provide tunable high-power femtosecond x-rays, which is enabling forefront science in various areas. A complete marriage of accelerator principles and laser art significantly enhances the capability of an accelerator-based light source, allowing one to capture the ultrafast and probe the ultras small.



LEPP, the Cornell University Laboratory for Elementary-Particle Physics, has joined with CHESSE to become the Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE). LEPP's primary source of support is the National Science Foundation.

