



“A behind the scenes look at Big Science”

Have you ever wondered where the next scientific break through might take us? Or, wondered what it is like to work in a real “Big Science” laboratory like Lawrence Livermore? If you are a high school or community college student with an interest in science, you have a unique opportunity to informally meet world-class scientists and ask them your questions.

Science Chat will follow each Science on Saturday (SOS) presentation beginning January 31st. The Science Chat session will begin at 11:00 a.m. and end at noon. The chat session will be held on the Amador Valley High School campus in building G, room 1. Teachers/faculty will receive a map and details by email following registration.

Admission is free, however space is limited to a total of 50 students and teachers. Teachers and faculty members must register themselves and their students online. Registration opens 1/8/04, please have student names at the time of registration. Students must be accompanied by a teacher or faculty member to attend. The registration address is: <http://education.llnl.gov/ScienceChat>.

The first scientist to chat with students is Dr. Ed Moses, the manager of the [National Ignition Facility \(NIF\)](#), the world’s largest laser. NIF will be used for defense and energy research and will help us learn more about the origins of stars. You can find more information about NIF at this web site: <http://www.llnl.gov/nif/index.html>.

For additional information contact, Richard Farnsworth, Manager of LLNL’s Science, & Technology Education Program (STEP), email address: rfarnsworth@llnl.gov, or call at 925-422-5059.

Science On Saturday

Schedule

Amador Valley High School Theater
Pleasanton, California

January 31, 2004

Catch a Falling Star: Creating a Miniature Sun on Earth Using NIF—the World's Largest Laser

Dr. Ed Moses, National Ignition Facility Project Manager, Physicist

February 7, 2004

Bio-defense: Detection to Protect the Nation

Dr. Frank Y. S. Chuang, Bio-Medical scientist, and Dora Gutierrez, Bio-Engineer

February 14, 2004

Radiocarbon Applications: Isotopes, Oceans, and Climate Change, Dr. Michael Kashgarian, Research Scientist, Center for Accelerator Mass Spectrometry

February 21, 2004

Star Dust: Catching a Comet By the Tail

Dr. John Bradley, Director of the Institute of Geophysics and Planetary Physics, Astrophysicist

February 28, 2004:

Galaxies and Black Holes: The Good, the Bad, and the Ugly

Dr. Will van Breugel, Institute of Geophysics and Planetary Physics, Astrophysicist