

University of Arizona and National Solar Observatory's
2009 Summer School in Solar Physics

June 8-12: Sacramento Peak Observatory, Sunspot, NM

Who: Beginning graduate and advanced undergraduate students with an interest in the physics of the Sun and may possibly want to pursue a career in solar physics, space physics, or related field.

What: An intensive one-week course in topics related to the physics of the Sun. The purpose of the school is to provide a basic introduction to solar physics. There will be approximately 15-20 lectures. Topics include solar radiative transfer, helioseismology, solar interior (dynamo, convection zone), chromospheric and photospheric magnetic fields, solar magnetohydrodynamics, origin and heating of the corona and solar wind, and high-energy charged particles. There will also be lectured focused on the acquisition of solar and heliospheric data and the "Virtual Solar Observatory". There will be tours of the facilities and opportunities to observe the Sun directly. There will also be some downtime activities, such as a pizza/movie night, barbecue, and possibly a trip to White Sands National Monument. These will be announced later.

Where: NSO's Sacramento Peak Observatory, Sunspot, New Mexico. Sunspot is located about 15 miles south of Cloudcroft at an elevation of 9500 ft. Sac peak is an ideal setting for the summer school with its secluded mountain forests and mild summer temperatures. The location offers a stimulating scientific environment with participation with members of the NSO/Sac Peak staff whose expertise covers a broad range of observational solar physics and related topics.

When: June 8-12, 2009

How to Apply: Please visit the school's website at <http://www.lpl.arizona.edu/SummerSchool09> and follow the links to the on-line application page. You may also request a hard copy of the application form by contacting us at the address given below. **The deadline to receive all applications is May 1st.** You will receive notification about your application within two weeks after the deadline.

Travel Grants: We expect to be able to cover (at least partially) the costs for travel (airfare within the continental United States, plus local transportation), meals, and lodging for all students. Travel grants can be requested on the application form. Please make your requests as soon as possible because the funds available for travel support are limited.

Accomodations and Logistics: Some students will be housed on-site at the NSO facility. Others will be housed in local hotels and cabins in Cloudcroft. A detailed set of instructions including directions to the school, instructions for receiving travel reimbursements, etc. will be provided later.

Please direct all inquiries to: Prof. Joe Giacalone
Department of Planetary Sciences
University of Arizona
Tucson, AZ 85721
Ph: 520-626-8365 Fax: 520-626-8250
Email: giacalon@lpl.arizona.edu