

Calendar

Monday, June 28

THEORETICAL ASTROPHYSICS SEMINARS WILL RESUME IN THE FALL

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II

Tuesday, June 29

Noon Summer Lecture Series - 1 West

Speaker: P. Bhat, Fermilab

Title: Collider Experiments and Physics

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wilson Hall Cafe

Monday, June 28

Minestrone Soup

Chicken & Mushroom Cheese Steak
\$4.75

Baked Chicken Enchiladas \$3.50

Carved Roast Beef \$4.75

Smoked Turkey Panini Pesto Mayo
\$4.75

Fiesta Pizza \$2.75

Pacific Rim Rice Bowl \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Weather

A Busy Week for QuarkNet



[QuarkNet teachers at Fermilab \(Click on image for larger version.\)](#)

Last week, 17 physics teachers visited the Lab for the annual QuarkNet Teacher Institute. These teachers from 12 states (California, Florida, Idaho, Indiana, Iowa, Massachusetts, Michigan, New York, Puerto Rico, Texas, Oklahoma, Utah) spent one week exploring particle physics by reconstructing Monte Carlo events to "discover" for themselves the neutral Z boson. Fermilab physicists, Leo Bellantoni, Dave McGinnis, Paul Nienaber and Erik Ramberg prepared talks on wide a variety of topics.

34 QuarkNet Teachers from QuarkNet centers at Kansas State University, Purdue University and University of Missouri at St. Louis were also on site Tuesday and Wednesday, visiting with Nobel Laureate Ken Wilson and touring the facility. Wilson discussed educational policy with the teachers. These teachers are participating in three-week workshops at their home universities and built a visit to the lab into their plans.

QuarkNet, funded by the DOE Office of Science and the National Science Foundation, reaches more than 500

Safety Tip of the Week

Poison Ivy? Get a Goat

"The best solution is to get a couple of goats or borrow some from a friend. Goats eat poison oak and poison ivy like it is candy." (www.tractorbynet.com #435674)

It's fairly easy to find poison ivy at Fermilab; just look along the edges of a wooded area. Touch the leaves and you

can get a skin rash with itching that lasts for weeks. The immune response is



Poison Ivy

caused by urushiol, a potent allergic agent. In fact, a nanogram of this stuff is sufficient to cause a rash in most people, and a quarter of an ounce would be enough to get every person on earth scratching for days. Approximately 90% of people have at least some allergic response to poison ivy.

If you contact poison ivy, there are a number of remedial actions that should be tried. To completely head off a reaction, the urushiol must be washed off before it binds to the skin. This can happen in as little as 15 minutes. Since the oil is unstable in water, a thorough rinse of cold water with no soap may be the best immediate action. Itching symptoms may be alleviated by hot compresses, calamine lotion or antihistamine creams. The urushiol does not spread after a day or so, so scratching the



Becoming Sunny 77°/56°

[Extended Forecast](#)

[Weather at Fermilab](#)

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[Secou Level 3](#)

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high school teachers across the country, bringing the world of particle physics to their students.

Accelerator Update

June 23 - June 25

- During this 48 hour period Operations established two stores that combined with an existing store provided approximately 34 hours and 14 minutes of luminosity to the experiments.

- A TeV quench ended store 3588
- A ComEd power glitch tripped off equipment in Linac and Booster
- Booster had problems with BRF12

[View the current accelerator update](#)

[View the Tevatron Luminosity Charts](#)

In the News

Interactions.org News Wire, June 24, 2004

In Hawaii, A Revolutionary Supernova Spectrograph Sees First Light: SNIFS, the Supernova Integral Field Spectrograph

BERKELEY, CA -- The Nearby Supernova Factory, an international collaboration of astronomers and astrophysicists, has announced that SNIFS, the Supernova Integral Field Spectrograph, achieved "first light" during the early morning hours of Tuesday, June 8, when the new instrument acquired its first astronomical target, a Type Ia supernova designated SN 2004ca.

Type Ia supernovae are the kind used by astronomers to measure the expansion of the universe.

Analysis of the initial data, plus a separate observation of the newly

blisters does not necessarily make the rash worse. However, scratching can lead to a nasty skin infection, so don't do that.

For some people, the allergic response to poison ivy can be severe, with swelling and respiratory difficulty. If this happens onsite, dial x3131 to initiate an emergency response. An injection of corticosteroids may be necessary to reduce the swelling and control other symptoms.

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

Announcements

Upcoming Classes

June 29 - July 1: HTML Intermediate: Enhanced Layout (two half days)

June 30: Excel Intro

July 8, 21: Accomplishment Report Writing

July 30: Excel Intermediate

August 3 & 5: HTML Intro, Intro to Web Publishing (two half days)

August 4 & 11: Adobe Acrobat 6.0 Prof. (two half-days)

August 4, 12: Goal Setting

August 5: Performance Appraisal Workshop

August 10: Access Intro

August 24: Word Intro

August 25: Adobe Acrobat 6.0 Prof. - Forms, Security & Accessibility (one half-day)

Sept. 14 - 16: JavaScript Programming [more information](#)

Fermi Signers Summer Concert

Don't forget to mark your calendars for July 7! Take a half hour out of your day

discovered supernova SN 2004cr on Sunday, June 20th, confirm that SNIFS -- while still in its commissioning phase -- is meeting its design goals as a remarkable new tool for observing supernovae.

[read more](#)

to hear your friends and colleagues sing in the Auditorium. The concert is at noon and the group will serve a treat of cookies and cakes following the performance. Don't miss it!

[more information](#)

Scottish Country Dancing

Scottish Country Dancing will be held at 7:30 p.m., Tuesday, June 29, at the Geneva American Legion Post.

Newcomers are always welcome. Info at 630-584-0825 or 630-840-8194 or

folkdance@fnal.gov.

Fall 2004/Spring 2005 House Requests Due

The deadline for Fall 2004/ Spring 2005 housing requests is July 1, 2004.

Requests may be made by either calling the Housing Office on ext. 3777 or sending e-mail to:

housing@fnal.gov

Free English Classes

NALWO-sponsored free English language classes for beginning and advanced levels are Mondays at the Users Center from 9:30 a.m. to 11:00 a.m.