

Calendar

Monday, June 7

2:30 p.m. Theoretical Astrophysics Seminar - Curia II

Speaker: B. Menard, Institute for Advanced Study

Title: Gravitational Lensing by Absorber Systems

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

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

Tuesday, June 8

Noon Summer Lecture Series - 1 West

Speaker: M. Witherell, Fermilab

Title: Discoveries Ahead in Particle 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 7

Wisconsin Cheese Soup

Corned Beef Reuben \$4.75

Chicken Provencale \$3.75

John Wayne Casserole \$3.50

BBQ Panini with Pepper Jack Cheese \$4.75

Meat Lovers Pizza \$2.75

Kung Pao Chicken with Peanuts &

Scallions \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Weather

Volunteers Needed for Minos Building Landscaping



The new Minos building

If you like to get dirty in the garden, this volunteer job is for you. Rod Walton, of FESS, needs volunteers to put in some plants in front of the newly constructed Minos building. "Instead of putting rocks around the shoreline that is in front of the building, we are putting in some wetland plants that should protect the shoreline." Walton said. "If it all works out it should be very pretty in a year or two."

In addition to being aesthetically pleasing, the landscaping project will save a significant amount for the lab. As opposed to using the standard rocks, which are expensive, the plants are actually being donated in exchange for some of Fermilab's prairie seed. "We are trying to make this a zero cost project with donated plants and volunteer labor," Walton said. The plants should arrive on site sometime this week. If you are interested in volunteering, call Rod Walton at x2565 for more information.

Accelerator Update

Safety Tip of the Week

Tick Talk



American dog tick

The environment in northeastern Illinois is benign, but there are minor hazards to consider when working or playing outdoors. Bites from ticks are among the most feared and least understood. We are most likely to see the American dog tick (see photo).

Ticks native to our area typically live for years, and go through three stages after emerging from the egg. Larvae are small and have six legs; the older stages are larger and have eight legs. During each stage, ticks attach to a host for a blood meal, after which they drop off the host and metamorphose into the next stage, or, in the case of adult females, lay eggs.

Ticks can transmit bacterial pathogens from host to host. The most serious disease transmitted by ticks in our area is Rocky Mountain Spotted Fever (RMSF). Symptoms include headaches, chills, fever, and general aches and pains. A rash may occur a few days after infection. If left untreated, the patient may be go into a coma, but antibiotics control the disease and diagnosis can be confirmed with blood tests.



Breezy 86°/69°

[Extended Forecast](#)

[Weather at Fermilab](#)

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[Secou Level 3](#)

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- During this 48 hour period Operations established one store that combined with an existing store provided approximately 42 hours and 7 minutes of luminosity to the experiments.

- TeV conducts studies during D3 wet engine repairs

- Recycler stashes antiprotons

- Stacking interrupted due to a feeder 71 trip

- Pbar stack lost due to LCW leak in power supply

- Pbar sets stack longevity record of 69 days, 10 hours, and 8 minutes

[View the current accelerator update](#)

[View the Tevatron Luminosity Charts](#)

In the News

FYI: AIP Bulletin of Science Policy News, June 4, 2004 New Report Characterizes Support for Physics, Astronomy, Earth Sciences

Every two years, the National Science Board issues a report that almost staggers the mind with thousands of statistics about the conduct of science and technology in the United States and in the larger world. The current report, "Science & Engineering Indicators - 2004," contains eight chapters of analysis, packaged with an accompanying appendix containing many tables of statistics.

These volumes are the sixteenth in a series of reports that are a well-known and highly trusted source of information. The chapters in the first volume cover topics such as elementary through higher education, the science and engineering labor force, U.S. and international R&D, academic R&D, "industry, technology, and the global marketplace," public

Lyme disease, another bacterial disease, is transmitted by a species of tick commonly referred to as a "deer tick", which is much smaller than the dog tick. Lyme disease symptoms are similar to those of RMSF, and are also treatable by antibiotic therapy.

Avoiding ticks is the best way to decrease the risk of contracting disease. During the peak tick season (May through early July) stay away from overgrown fields. If you walk in such areas, wear long pants tucked into socks and consider using a DEET product. Ticks (especially the larger dog ticks) are easily seen or felt on the skin, and can be picked off and discarded. Embedded ticks should be removed by grasping them with tweezers as close to your skin as possible and pulling, to avoid breaking the head and mouthparts off in the skin, which can lead to infection.

Prompt removal of any ticks minimizes the chance that pathogens can be transmitted. That requires that the tick be firmly embedded in your skin, which can take from 8 to 24 hours. Not all ticks carry pathogens, so the real danger of contracting a tick-born disease is very slight.

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

[Safety Tip of the Week Archive](#)

Announcements

attitudes and understanding about S&T, and state indicators.

[read more](#)

From *Science Magazine*, June 4, 2004

U.S. Trade Policy Creates Confusion Over Co-Authorship

by Yudhijit Bhattacharjee

Farzad Naeim anticipated plenty of logistical challenges in his latest endeavor, but he didn't expect to run into problems with U.S. trade laws. The structural engineer at John Martin & Associates in Los Angeles led a scientific team that visited Bam soon after a devastating earthquake leveled the ancient Iranian city last December. The team linked up with Iranian colleagues to assess the damage and loss of life, observe emergency-response operations, apply and test new methods of collecting perishable data, and recommend measures to reduce destruction the next time around. Publishing the findings in the journal he edits, *Earthquake Spectra*, seemed like the least of Naeim's worries.

Not anymore. A single sentence in a five-page statement by an obscure U.S. government agency--barely noticed when the statement was issued 2 months ago--has thrown Naeim for a loop and jeopardized his plans to disseminate the results of that reconnaissance mission in an upcoming issue. And he's not alone. Scientists of all stripes are now wondering if work done in collaboration with scholars in Iran, Cuba, and Sudan--countries under a U.S. trade embargo--will ever see the light of day.

[read more](#)

Upcoming Classes

June 15 & 17: HTML Intro, Intro to Web Publishing (two half days)
June 21-25: LabView Intermediate I: Suc. Dev. Prac. (two sessions AM & PM)
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 4, 12: Goal Setting
August 5: Performanc Appraisal Workshop
August 10: Access Intro
August 24: Word Intro

[more information](#)

Free English Classes

NALWO sponsored free English class: Beginners and advanced; Mondays at the Users Center from 9:30 a.m. to 11:00 a.m.

Green Mat/Rug Found in Fermilab Library

Someone has left a green mat/rug, decorated with a floral pattern in the Library. It is about 2 feet by 3 feet. If you are looking for it, contact the Fermilab Library.

Scottish Country Dancing

Scottish Country Dancing will be held at 7:30 p.m., Tuesday, June 8, at the Geneva American Legion Post. Newcomers are always welcome. Info at 630-584-0825 or 630-840-8194 or folkdance@fnal.gov.