

Calendar

Tuesday, November 29

11:00 a.m. Academic Lecture Series - 1 West

Speaker: P. Langacker, Fermilab/University of Pennsylvania

Title: Tests of the Electroweak Theory - Lecture 1

3:30 p.m. Director's Coffee Break - 2nd Flr X-Over

Note: There will be no Accelerator Physics and Technology Seminar today.

Wednesday, November 30

11:00 a.m. Fermilab ILC R&D Meeting - Curia II (note location)

Speaker: V. Kuchler, Fermilab

Title: ILC Conventional Facilities Upgrade

2:30 p.m. Special Seminar - Curia II

Speaker: W. Guryn, Brookhaven National Laboratory

Title: Results from the PP2PP

Experiment at RHIC and Future Plans

3:30 p.m. Director's Coffee Break - 2nd Flr X-Over

4:00 p.m. Fermilab Colloquium - 1 West

Speaker: G. Bernstein, University of Pennsylvania

Title: Seeing the Invisible Universe with Gravitational Lensing and SNAP

Weather



Chance of Snow **35%/23°**

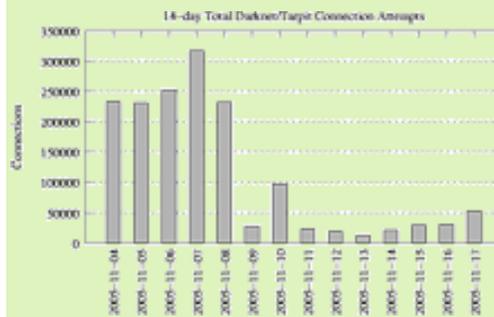
[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Caution is Key to Computer Security at Lab, Home



This graph shows attack attempts to the Fermilab network earlier this month. (Click image for larger version.)

Every day, hundreds of thousands of attempts are made to attack Fermilab's computers. On November 7 alone, the Computer Security Team saw more than 300,000 attempts on the lab's network.

"You let your guard down just for a few minutes and it can spread like wildfire throughout the laboratory," said Computer Security Team member Irwin Gaines, adding that some labs have taken themselves temporarily offline because of computer infestation.

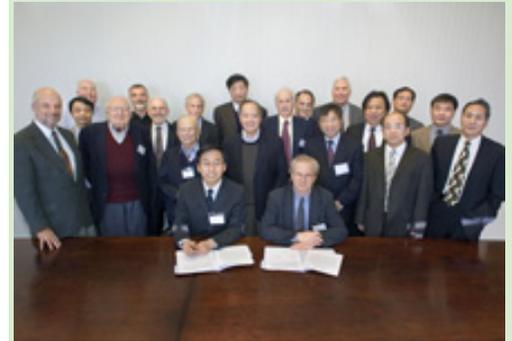
Fermilab hasn't had to take such action, and there's plenty you can do to keep it that way, he said. First, verify that you have a network administrator, a person or group that monitors and installs security updates on computers in your department, division or experiment.

Fermilab has a system that will automatically install the latest patches and virus signatures as they become available, and administrators will ensure that your computer is hooked up to this system. Verify the administrator of the system you are using with a [registered node search](#).

Remember that your computer isn't safe

Director's Corner

US/China High Energy Physics Collaboration



US and Chinese delegates, 26th Meeting of the PRC/US Joint Committee for Cooperation in High Energy Physics. (Click image for larger version.)

On November 17th-18th I attended the 26th Meeting of the US/PRC Joint Committee for Cooperation in High Energy Physics at the Lawrence Berkeley National Laboratory. Every year, alternating between the Institute of High Energy Physics (IHEP) in Beijing and a US laboratory, the committee brings together the principal research officers of US and Chinese agencies and laboratories to discuss collaborative programs in our field. In the early years, shortly after the opening of China, the collaboration centered on the development of the Beijing Electron Positron Collider (BEPC) and its associated detector, the Beijing Spectrometer (BES). The collaborative work has been continuous ever since, even through difficult periods like the Tiananmen Square repression and more recently the difficulties in obtaining US visas following the terrorist attacks of 2001.

I have attended meetings of the Joint Committee for nearly 20 years, and the

Wilson Hall Cafe**Tuesday, November 29**

- Chicken and Rice Soup
- Cowboy Burger
- Baked Meatloaf with a Roasted Tomato Demi-Glace
- Parmesan Baked Fish
- Peppered Beef
- Ham and Pastrami Calzones
- South of the Border Burritos with Chips and Queso

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, November 30****Lunch**

-Closed

Thursday, December 1**Dinner**

- Steamed Mussels with Garlic, Thyme & White Wine
- Pork Tenderloin with Madeira Cream Sauce
- Risotto with Wild Mushrooms
- Vegetable of the Season
- Pear and Hazelnut Souffle

[Chez Leon Menu](#)

Call x4512 to make your reservation.

Search

Search the Fermilab Today Archive

Info

once you've left the lab; in many cases it's more vulnerable. "If you take your laptop home and your kids play with it and download something and then you bring it back to work, not only are you infected at home, but now you come back to the lab and infect us as well," said Computer Security Manager Mark Leininger. To avoid being a hacker's target, be leery of unexpected email attachments, links and HTML email from unknown sources and turn off any services on your computer that you don't need.

One key reminder: downloads advertised as "free" can expose your computer to attacks. "If you try downloading music for free from the Internet, guess what, you're downloading a lot more than just free music," said Computer Security Team member Joe Klemencic. "It's all about money these days." An incident may not only affect Fermilab; it could affect you personally as well. It is all too common for a virus or other software to capture your keystrokes and send off your credit card numbers, social security numbers and bank logins.

For a look at how viruses can affect a computer, watch [this video](#).

—*Kendra Snyder*

Fritz Lange, Former Fermilab Employee, Has Passed Away

progress in China during this period has been astonishing. In my early visits to Beijing and Shanghai, the streets were jammed with bicyclists and the overall impression was very austere and gray, with most people dressed in gray or blue "Mao suits." Today these huge cities are completely changed, full of cars jamming the streets and the freeways, modern buildings everywhere, lavishly appointed hotels, mega-shopping malls, art and commercial centers on a scale that rivals the most developed cities in the world. Add in the feverish preparations for the Beijing Olympics next summer, and there is a pervasive sense of people on the move.

The development of physics in China has followed suit. In 2007 IHEP will commission BEPC II and BES III in what will be a unique Tau-Charm factory. In the next decade it will be one of only three operating particle colliders in the world. A couple of years later, the Shanghai Synchrotron Radiation Facility (SSRF), a world class facility, will start operations for a broad scientific community. A powerful reactor neutrino experiment is planned for Daya Bay in Southern China. On the drawing board is a Neutron Spallation Source. The "Knowledge Initiative" launched by the government a few years ago has raised scientific salaries severalfold to retain the best in China and to encourage expatriates to return. Collaborations have extended to many other countries in the world. Among these collaborations though, the 26-year collaboration with US labs has a special place. On this strong foundation, we expect to work with our Chinese colleagues as close partners in the future in building the ILC.

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Send comments and suggestions to today@fnal.gov

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Fritz Lange, 67, who worked at Fermilab for 23 years, died of a brain tumor on Thursday, November 24 at his home in Naperville. Lange began his career at Fermilab in 1982 on the Antiproton Source project. In 1994, he became head of the Accelerator Division's Mechanical Support Department. Lange helped design and install the DZero detector, and contributed to developing the accelerator complex including the Main Injector. He retired May 11, 2005.

Visitation will be from 1p.m. to 8 p.m., Wednesday, November 30, at Friedrich-Jones Funeral Home, 44 S. Mill St., Naperville. A burial Mass will be held at 11 a.m. Thursday, December 1, at SS Peter and Paul Church.

In the News

**From the *Chicago Tribune*, November 19, 2005:
U.S. science 'in a crisis,' says Nobel winner**

Among Chicago's vast science community, Leon Lederman may be the most widely known.

Before leaving as director of FermiLab in 1989, Lederman was awarded a Nobel Prize in physics, and he has become an advocate of science education. First at the University of Chicago and then at the Illinois Institute of Technology, Lederman taught physics to undergraduates after becoming FermiLab's director emeritus.

His passion for science has played out in various initiatives intended to improve the quality of science teaching in Chicago-area schools and nationally. Lederman embraced a national report issued in

Accelerator Update

November 23 - 28

- No stores established due to Tevatron B17 work.
- Pbar's lithium lens fails.
- Experts report that the B17 bypass is okay.

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Fermilab Singers

Mark your calendars for December 15! The Fermi Singers are preparing a winter concert for your listening pleasure. It will be at noon in the Ramsey Auditorium - just 30 minutes and treats to follow!

NALWO's Winter Holiday Tea

[NALWO's](#) Winter Holiday Tea will be hosted by Barbara Oddone at her home, on the Fermilab site, on Monday, December 12, from 11:00 a.m. until 1:00 p.m. Fermilab IDs are no longer required to enter the lab, but you will need photo identification. You can enter the Fermilab site through the Wilson Street entrance (from Kirk Road) and ask the guard for directions. Please bring a favorite dessert or appetizer from your country, but if you cannot bring a treat, please come anyway! For additional information contact Susan Kayser at sukayser@fnal.gov, Rose Moore, at rosecraigmoore@comcast.net, 630/208-9309 or the Housing Office, 630/840-3777 or housing@fnal.gov.

[Upcoming Activities](#)

1983 declaring the United States to be "a nation at risk" due to the declining quality of science education.

[Read More](#)