

Calendar

[Have a safe day!](#)

Friday, July 31

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Joint Experimental-Theoretical Physics Seminar](#) - One West

Speaker: Lindley Winslow, Massachusetts Institute of Technology

Title: KamLAND: Neutrinos from the Earth, the Sun and Nuclear Reactors

Monday, August 3

PARTICLE ASTROPHYSICS SEMINARS WILL RESUME IN THE FALL

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting - Curia II

Special Topic: Improvements to the Pbar source

[Click here](#) for NALCAL, a weekly calendar with links to additional information.

Campaigns

[Take Five](#)

[Tune IT Up](#)

Weather

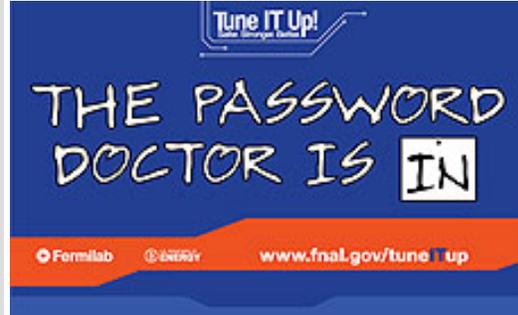
 Mostly sunny
81°/61°

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

Tune IT Up

Tune IT Up services account reminder, help for Mac users



From now on, all employees need a services account password to access the Fermilab Time and Labor electronic reporting system. You can activate your account through [this Web page](#).

Volunteers at the Password Doctor kiosk in the atrium of Wilson Hall will activate services accounts at lunch today. Service Desk agents are also available every day to help set passwords at the Service Desk during normal business hours. You can call them at x2345 or personally visit the Service Desk, which is located in Wilson Hall on the ground floor across from Argonne Credit Union. Please bring a Fermilab I.D. with you to the kiosk or Service Desk.

Mac and Linux users have had difficulty setting up services account passwords. The easiest way to address this problem is to have Service Desk agents or the volunteers at the Password Doctor kiosk help you set up your password for you.

Otherwise, if you have trouble using the self-service tool on your Mac or with you Linux operating system, please call the Service Desk at x2345. They will issue you a password for one-time use. You can use this temporary password to set up your new password through this [Web page](#).

If you are a particularly tech-savvy Mac or Linux user, you might also try using the advice at [this site](#) to set up a certificate that will allow you to set up the password yourself [here](#).

Your services account password will eventually grant you access to multiple

Recovery Act Feature

Blasting continues at NOvA site



[Construction workers prepare to fill holes with explosives at the NOvA site.](#)

Construction crews at the future site of the NOvA detector facility have blasted through two more sections of rock since the initial detonation last week.

The civil construction project in northern Minnesota is funded in part by the American Recovery and Reinvestment Act.

You can watch a video of the first blast at [Fermilab's YouTube site](#).

"The first blast is the most spectacular for the whole job," said Peter "Chipper" Johnson, president and CEO of Hoover Construction, the Minnesota company handling the blasting. "After that, the rocks move laterally instead of going straight up into the air."

Still, workers clear the area within 2,500 feet of the explosions. To detonate the first section of rock, crews drilled 25-foot holes about 3 inches in diameter into the ground and filled them with Titan 1000 SD, an explosive material.

"It's like toothpaste, kind of ooey, goeey and sticky," Johnson said.

Over about the next six weeks, crews will use explosives to clear a 50-foot-deep cavern measuring 65 by 370 feet in the rock. The cost of drilling, blasting and excavating will be about \$950,000, Johnson said.

The construction company will use all of the

[Secon Level 3](#)[Wilson Hall Cafe](#)

Friday, July 31

- Chunky vegetable soup w/ orzo
- Buffalo chicken wings
- Cajun breaded catfish
- Teriyaki pork stir fry
- Honey mustard ham & swiss panini
- Assorted sliced pizza
- *Carved turkey

*Carb restricted alternative

[Wilson Hall Cafe menu](#)[Chez Leon](#)

Wednesday, August 5

- Lunch
- Antipasto salad
 - Strawberry mousse w/ butter cookies

Thursday, August 6

- Dinner
- Grilled portobello and red pepper salad
 - Filet mignon w/horseradish sauce
 - Baked potato w/butter & sour cream
 - Broccoli
 - Cappuccino soufflé

[Chez Leon menu](#)

Call x3524 to make your reservation.

[Archives](#)[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[User University Profiles](#)[ILC NewsLine](#)[Info](#)

additional applications, including Fermilab e-mail service, Meeting Maker, VPN and Fermilab instant messaging.

You can already use the Fermilab services account password for the Exchange e-mail service and the Fermilab Service Desk.

You also need this password to access the Tune IT Up Assessment, which is available on the [Tune IT Up Web page](#).

[Special Announcement](#)**ARRA funding targets young researchers**

The U.S. Department of Energy has increased the amount of grant funding for Early Career Research Awards to \$85 million through the American Recovery and Reinvestment Act.

On the heels of announcing \$25 million for awards to through U.S. universities, DOE announced it will also provide \$60 million to researchers at DOE national laboratories. DOE's Office of Science expects this money to support at least 15 to 35 researchers for five years at the national laboratories at a cost of \$500,000 per year.

The grants aim to support the development of individual research programs of outstanding scientists and stimulate research careers.

Eligible researchers must work full-time at a laboratory and have received a Ph.D. within the past 10 years. Researchers may apply to one of six Office of Science program offices: High Energy Physics, Advanced Scientific Computing Research, Biological and Environmental Research, Basic Energy Sciences, Fusion Energy Sciences or Nuclear Physics.

Letters of intent are due August 3, and full proposals are due Sept. 1.

Further information on eligibility, program rules and how to apply can be found [here](#).

To see answers to frequently asked questions, see the DOE Early Career Research Award [Web site](#).

From *symmetrybreaking*

rubble from the explosions in constructing the site.

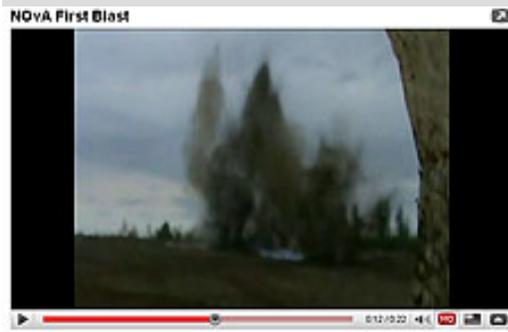
They will use part of the pulverized rock to form a base for roads on the site. Another portion will serve as backfill to support the structure of the detector facility. Workers will lay a third portion onto the roof of the detector building to shield the experiment from cosmic and gamma rays.

The site is located in a safely isolated area, five miles from Voyageur National Park.

The crew had no concerns about disturbing neighbors or visitors to the park with the explosions.

"At that distance, if you had any kind of wind at all, you wouldn't hear the blasts." Johnson said.

-- Kathryn Grim



[Watch the first blast of the NOvA site.](#)

[Announcements](#)**Latest Announcements**

[Next Fermi Kyuki-Do Martial Arts session begins on August 3](#)

[What's New in NI LabVIEW 2009? course offered August 27](#)

[Health after 50 seminar](#)

[Osteoarthritis\(degenerative arthritis\) seminar](#)

[URA Visiting Scholars Program now accepting applications](#)

[Summer intern presentations - August 5](#)

[International folk dancing resumes August 6](#)

Fermilab Today
is online at:
www.fnal.gov/today/

Send comments and
suggestions to:
today@fnal.gov

Visit the Fermilab
[home page](#)

The CERN Courier's 50th anniversary issue

For those who enjoy a nostalgic look back, the CERN Courier has posted a treat: The very first issue of the Courier, which started as an in-house newsletter and now reaches 25,000 subscribers around the world.

Writing in the July/August issue, CERN Director-General Rolf Heuer notes that both the European lab and the Courier have changed beyond recognition since the first issue came out 50 years ago:

One thing that has stayed the same, however, is the magazine's openness to the world. Issue number 1 reported not only on progress towards starting up the PS [Proton Synchrotron], but also carried news of the City of Hamburg's purchase of a 40 MeV linac for a new lab known as the Deutsches Elektronen Synchrotron. Back then, the Courier felt the need to spell out the DESY acronym. There was also news from the US, including bold ambitions for linear accelerator developments at Stanford University. CERN's mission of bringing nations together for peaceful collaboration is witnessed by a report from a trip to the USSR, precursor to a long and fruitful collaboration with the Joint Institute for Nuclear Research at Dubna.

[Read more](#)

[Services account password needed for Fermilab Time & Labor reporting](#)

[Time to complete accomplishment reports](#)

[Bristol Renaissance Faire discount tickets](#)

[Six Flags Great America discount tickets](#)

[Pool memberships available in the Recreation Department](#)

[Raging Waves Waterpark online discount ticket program](#)

[Summer safety tips for older adults](#)

[Accelerated C++ Short Course begins August 6](#)

[Outlook 2007: New Features class August 6](#)

[The University of Chicago Tuition Remission Program August 17 deadline](#)

[Process piping \(ASME B31.3\) class offered in October and November](#)

[Additional Activities](#)

[Submit an announcement](#)

Classifieds

Find new [classified ads](#) on *Fermilab Today*.