

Calendar

[Have a safe day!](#)

Monday, July 27
 PARTICLE ASTROPHYSICS SEMINARS WILL RESUME IN THE FALL
 3:30 p.m.
 DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over
 THERE WILL BE NO ALL EXPERIMENTERS' MEETING THIS WEEK

Tuesday, July 28
 10:30 a.m.

[Research Techniques Seminar](#)

- One West
 Speaker: Jeff Martoff, Temple University
 Title: Liquid Argon for Dark Matter Detectors
 12 p.m.

[Summer Lecture Series](#)

(NOTE LOCATION) - One West
 Speaker: Dave Schmitz, Fermilab

Title: Neutrino Physics
 3:30 p.m.
 DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over
 THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY
 4 p.m.

[Extreme Beam](#) - Physics at the Intensity Frontier Lecture Series - One West
 Speaker: Antonio Masiero, Università di Padova/INFN Padova

Title: Rare Kaon vs. LFV Physics in Grand Unified and SU(3)-Flavored SUSY

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

Campaigns

Feature

South Dakota students meet Fermilab science



Students from South Dakota traveled to Fermilab earlier this month to learn about the laboratory.

Since late 2007, when the Homestake mine became the favored site for the proposed Deep Underground Science and Engineering Laboratory, Fermilab scientists have had an eye on South Dakota. Earlier this month, a group of South Dakotan students took a look at Fermilab.

The 10 students, all science-focused high school seniors or rising college freshman, traveled to Fermilab for four days of tours, talks with scientists and self-designed studies of cosmic rays.

"The idea is to excite them about physics and science in general," said Fermilab Deputy Director Young-Kee Kim, who hopes the program will expand to a 10-week internship in future summers.

The plan for the students' trip was born when Kim and Fermilab Director Pier Oddone visited the Homestake site in Lead, South Dakota in March. There, Kim heard South Dakota Governor Mike Rounds speak about the facility's potential to inspire future scientists.

"We were discussing education, and it seemed so natural to invite students from South Dakota to see the research we're doing at Fermilab," Kim explained. "I thought of the bison in their state and it occurred to me that we have bison and prairie too. I think it's important to make these kinds of human connections."

ES&H Tips of the Week - Computer Security



Safe flash driving



Flash drives can spread computer viruses.

During the past few weeks, Fermilab's computer security incident-response team has been tracking an epidemic. A single virus infected multiple machines multiple times. As it turns out, employees were spreading the virus by sharing a single flash drive, a data storage device that plugs into a computer's USB port.

One reason for this virus's quick spread is a computer setting. Most Fermilab computers are set to run automatically anything you plug or insert into them. By the time you see a small pop-up window asking what action you would like to perform, your computer has already been exposed to any viruses the flash drive or removable media may contain.

The Computing Division is taking action to prevent this from happening. On Tuesday, under the direction of Vicky White, Fermilab's chief information officer, Computing Division will automatically change these settings on all machines in the Fermi Windows domain. This will disable windows from popping up automatically when you plug in a device, such as a flash or thumb drive. To access information on the device, you can navigate to it through your My Computer folder. For detailed instructions, click [here](#).

To further protect your machine from viruses on removable media, please follow these guidelines:

- Reserve a flash drive for personal use. Only use this to transfer files between your own machines. Do not use it on your home machine if anyone else uses that machine.

[Take Five](#)[Tune IT Up](#)[Weather](#)

 Partly sunny
83°/65°

[Extended Forecast](#)[Weather at Fermilab](#)[Current Security Status](#)[Secon Level 3](#)[Wilson Hall Cafe](#)

Monday, July 27

- Italian minestrone
- Patty melt
- Baked chicken enchiladas
- Herbed pot roast
- Chicken melt
- Assorted sliced pizza
- Szechwan green bean w/ chicken

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

Wednesday, July 29

- Lunch
- Carne asada w/ guajillo sauce
 - Spanish rice
 - Pico de gallo
 - Cold lime soufflé

Thursday, July 30

- Dinner
- Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

[Archives](#)

Last week's visitors had applied for a program that lets South Dakota students visit underground laboratories around the world, including CERN and Italy's Laboratori Nazionali del Gran Sasso.

"Not many kids get to go to a major research lab," said Karlie Haug, who graduated this year from a high school not far from Lead. "It's been really interesting being at Fermilab, seeing actual science and doing open-ended activities like the cosmic ray project."

Matthew Kirkegaard, also a 2009 high school graduate, said seeing the antiproton source was "definitely the coolest part of the trip."

Before visiting Fermilab, he knew he wanted to study mathematics in college. After four days at Fermilab, he added, "and maybe theoretical physics too."

-- *Rachel Carr*

[Photo of the Day](#)**TD Test and Instrumentation Department picnic**

Members of the Technical Division's Test and Instrumentation Department enjoy a picnic on Friday, July 24.

[Special Announcement](#)**Pavement grinding begins today on west Wilson Street**

Work on west Wilson Street from the Wilson gate area to B Road began this morning. Crews will grind 2 inches off of the pavement surface. They will then replace the missing material with new, hot asphalt material later in the week, weather permitting.

To do the road work, Wilson Street in that area will have one lane of traffic, with a flagman directing cars. There may be some traffic delays. Car drivers are encouraged to use Pine Street as an alternate entrance to avoid the construction. Truck traffic should continue to enter on Wilson Street, but will experience

- Buy a handful of inexpensive flash drives for one-time use at conferences. The computer used for projecting talks at conferences is particularly likely to infect your flash drive because many other flash drives at the conference have been plugged into it.
- Do not accept free flash drives at trade shows or conferences unless they are sealed in the original packaging.

-- *Mark Leininger, computer security manager*

[Safety Tip of the Week Archive](#)[Shutdown Update](#)

July 17-24

- Preaccelerator: New source and generator for H-
- Booster: All 36 correction magnets installed
- Pbar: Debuncher septum magnet repaired and passed hipot
- MI: MI-10 backfill nearly complete
- Recycler: Pelletron maintenance 50 percent complete
- TeV: Crystal collimator bake out nearly complete
- NuMI: Installed backup pumps and sumps for pre-target drains
- Cryogenics: Repair of 22 engines completed
- Controls: Prep for weekend control system outage due to power outage
- FESS: Casey's pond shut down on Saturday for zebra mussel inspection
- Safety: One injury requiring first aid

[Read the Current Accelerator Update](#)[Read the Early Bird Report](#)[View the Tevatron Luminosity Charts](#)[Announcements](#)**Latest Announcements**

[International folk dancing cancelled July 30, resumes August 6](#)

[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](#)

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

is online at:

www.fnal.gov/today/

Send comments and suggestions to:

today@fnal.gov

Visit the Fermilab

[home page](#)

slight delays.

[In the News](#)**The race for the secret of the universe**From *Parade*, July 23, 2009

Last September at Fermilab—the legendary physics research facility just outside Chicago—several of the nation's top scientists gathered at 1:30 a.m. to hold a somewhat bittersweet all-nighter. They wanted to be together when they, and America, fell behind in what many consider the most important and resonant competition in science: the search for the elusive Higgs boson, also known as "the God particle."

Physicists believe that this special subatomic particle allows all of the other particles in the universe to have mass and come together to form, well, basically everything that's around us. Without so-called God particles, one Fermilab theorist tells me, "atoms would have no integrity, so there would be no chemical bonding, no stable structures—no liquids or solids—and, of course, no physicists and no reporters."

[Read more](#)[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](#)