

Calendar

[Have a safe day!](#)

Monday, Oct. 26

THERE WILL BE NO PARTICLE ASTROPHYSICS SEMINAR TODAY

3:30 p.m.

DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting - Curia II

Special Topics: NOvA/ANU Work in the 2009 Shutdown, Status of the MICE Experiment

Tuesday, Oct. 27

3:30 p.m.

DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4 p.m.

[Accelerator Physics and Technology Seminar](#) - One

West

Speaker: Allen Caldwell, Max Planck Institute, Munich
 Title: Accelerator R&D at the Max Planck Institute for Physics in Munich: Muon Frictional Cooling and Proton Driven Plasma Wakefield Acceleration

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

Campaigns

[Take Five](#)

[Tune IT Up](#)

Weather

 **Chance of rain**
57°/41°

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

Feature

High schools visit Fermilab for scientific symposium



Local high school students heard four lectures throughout the scientific symposium, covering topics in biomaterials, nanotechnology, astronomy and neutrino physics.

More than 300 local high school students visited Fermilab Oct. 7 to attend four scientific lectures on current advances in biomaterials, nanotechnology, astronomy and neutrino physics.

Spencer Pasero, an education program leader who helped organize the event, said exposing students to new scientific concepts could help broaden students' views before they graduate high school.

"What we would like for kids to see is that there's fascinating stuff going on in all the sciences. And they're all connected," Pasero said.



Fermilab Director Pier Oddone spoke at the symposium, telling how he moved to the United States to study physics.

An introduction by Fermilab Director Pier Oddone opened the day's events. He told the students about growing up in Peru and how he moved to the United States to study physics. He also explained the value of investing in basic science for the future.

His talk resonated with chemistry teacher Diane Bearrick, of St. Charles East, who held classroom discussions

ES&H Tips of the Week - Safety

At pedestrian crosswalks, please share and share alike



CDF's Luc Demortier at a pedestrian crosswalk. The vehicle code requires drivers to yield to pedestrians, but pedestrians are cautioned not to cross until vehicles have stopped.

Drivers: Take note of the crosswalk signs posted on the laboratory site that say, "Stop for pedestrians."

According to the [Illinois Vehicle Code](#), drivers must yield right-of-way to pedestrians and permit a pedestrian to cross. We have received complaints that drivers are not taking these signs seriously and not slowing down to let a pedestrian cross. Some people have seen drivers speed up.

Pedestrians: The same Illinois Vehicle Code says, "No pedestrian shall suddenly leave a curb or other place of safety and walk or run into the path of a moving vehicle which is so close as to constitute an immediate hazard."

In other words, use common sense and don't walk in front of a moving vehicle. Vehicles should slow down and stop to let you pass, but don't count on that happening.

Bottom line: Please be courteous to each other and share the road. If a pedestrian is present at a crosswalk, stop to let him or her cross. Pedestrians should use the same common sense and courtesy and not rush into the street in front of a moving vehicle.

Be aware of your surroundings. Drivers, watch for pedestrians and yield to them. Pedestrians, don't assume vehicles see you and don't walk until drivers have stopped.

— Nancy Grossman

[Safety Tip of the Week Archive](#)

Current Security Status

about international funding of CERN before visiting Fermilab.

Secon Level 3

Wilson Hall Cafe

Monday, Oct. 26

- Croissant sandwich
- Spicy beef and rice soup
- Corned beef reuben
- Roast pork loin
- Spaghetti with meat sauce
- Chicken oriental pineapple wrap
- Assorted slices of pizza
- Pacific rim rice rowl

Wilson Hall Cafe Menu

Chez Leon

Wednesday, Oct. 28 Lunch

- Flank steak with shitake mushroom sauce
- Ginger scallion rice
- Coconut custard

Thursday, Oct. 29

- Closed

Chez Leon Menu

Call x3524 to make your reservation.

Archives

Fermilab Today

Result of the Week

Safety Tip of the Week

CMS Result of the Month

User University Profiles

ILC NewsLine

Info

"We just debated in class whether it was a good use of taxpayer dollars, so it was neat that Pier talked about funding science," Berrick said.

Fenton High School physics teacher John Adamowski, said he wanted his students to see that "there's a lot more to science or physics than what they've seen in the classroom."

Gustavo Rodriguez, a junior at Fenton High School, said the morning talks about biomaterials and nanotechnology used complex vocabulary, but he said diagrams during the talk helped.

"It's been different than what we're used to, so we have to work harder to understand," Rodriguez said.

David Saltzberg, a professor at University of California Los Angeles, concluded the symposium with a talk about neutrino astronomy and his recent trips to Antarctica. He talked about the difficulties of launching a scientific balloon 120,000 feet up into the stratosphere. From that vantage point, detecting equipment attached to the balloon looked down for neutrinos interacting with an Antarctic field of ice as large as France.

— *Chris Knight*

In the News

It's on! "God particle" race intensifies as Obama tries to keep particle smasher in hunt

From *Science magazine*, Oct. 22, 2009

Watch out, Large Hadron Collider - the U.S. is not quitting the race to find the famed Higgs boson just yet.

If all goes as planned, physicists at the last dedicated U.S. particle physics laboratory will get to run their particle smasher an extra year. The Department of Energy has requested money in its next budget to run the Tevatron Collider at Fermi National Accelerator Laboratory in Batavia, Illinois, in 2011. That proposal would give Fermilab researchers a shot at bagging a long-sought particle called the Higgs boson before scientists at the European particle physics laboratory, CERN, near Geneva, can spot it with the more-

Accelerator Update

Oct. 21-23

- Three stores provided approximately 43.25 hours of luminosity
- Linac flushed the I- Source water resistor
- Switchyard personnel established beam to the MTest area
- Power supply caused NuMI beam permit trips

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Photo of the Day

Fermilab softball league champions



Final Force won the 2009 softball league championship. Front row, from left: Katie Kosirog, ES&H; Wanda Newby, PPD; Dave Hockin, ES&H; Amber Larson, ES&H; Duane Newhart, AD; Mike Backfish, AD; Dave Baird, ES&H. Back row, from left: Kelly Sedgwick, FESS; Greg Vogel, AD; Dan Johnson, AD; Dennis Mcauliff, BSS; Robert Bushek, PPD; Bob Zwaska, APC.

Announcements

Latest Announcements

["Taking Care of Yourself as Caregiver" - Oct. 28](#)

[Today is last day for Director's Award nominations](#)

[Badminton League open house - Oct. 28](#)

[Conflict Management and Negotiation Skills - Oct. 28, Nov. 11](#)

[Overcome Your Fear of Public Speaking - Oct. 29](#)

[Facilitating Meetings That Work - Nov. 4](#)

[Fred Garbo Inflatable Theatre at Fermilab](#)

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

Send comments and
suggestions to:
today@fnal.gov

Visit the Fermilab
[home page](#)

powerful LHC, which is supposed to finally
start smashing particle in December.

[Read more](#)

[Arts Series - Nov. 7](#)

[Powerpoint Tips and Tricks - Nov. 11](#)

[Access 2007: Intermediate class - Nov. 18](#)

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

[HTML Intro: Intro to Web Publishing class -
Dec. 1](#)

["The Night Before Christmas Carol" at
Fermilab Arts Series - Dec. 5](#)

[Additional Activities](#)

[Submit an announcement](#)