

Calendar

Monday, Feb. 23
2:30 p.m.

[Particle Astrophysics Seminar](#)

- Curia II

Speaker: Jason Steffen,
Fermilab

Title: Detecting Additional
Planets from the Transits of
Known Extrasolar Planets

3:30 p.m.

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

4 p.m.

All Experimenters' Meeting -
Curia II

Tuesday, Feb. 24

3:30 p.m.

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

4 p.m.

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

West

Speaker: John Consiglio, The
Cooper Union

Title: Using Hardware-in-the-
Loop Simulations to Improve
EPA Emissions Testing

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

Weather



Sunny
24°/12°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Feature

For the love of science



Students from area high schools pose with Fermilab engineer Maurice Ball (left) and scientist Herman White. Students from nine schools visited the laboratory as part of an open house on Wednesday, Feb. 18.

It probably isn't very often that a group of teenagers hears an authority telling them to make love—to algebra. But that's exactly what Fermilab mechanical engineer Maurice Ball told high school students at the "High Energy... High Ambitions" open house at Fermilab last Wednesday.

"You've got to feel it," Ball said. "Professionals become really good at what they do because they embrace it." Ball was part of a panel of Fermilab scientists from under-represented minority groups at a Black History Month presentation at Fermilab for about 230 students from nine area high schools.

"I'm here to tell you that if I can get a B.S. and an M.S. in mechanical engineering, any of you students here today have the potential to be just as successful," said Ball, who is black. He struggled early on in school, but credits his inquisitiveness with carrying him through. "When teachers see curiosity, they'll work with you."

Ball was also fortunate to have his father, also an engineer, as a role model. Wednesday's event was designed to encourage students without current role model and help them envision a path to success. "Anybody can be a role model, but if students see someone who looks like them, it increases their attention," Ball said. He saw a lot of attentive faces in the audience.

Rosa Huerta, a 16-year-old junior from

ES&H Tips of the Week - Environment



Is environmentalism dead?



Members of the Fermilab Bicycle Commuters gathered for a group photo in May 2008. Riding your bike to work is a great way to integrate healthy habits that benefit the environment into daily life.

The term environmentalism has many definitions. To most, it means protecting the environment from pollution or destruction.

Ted Nordhaus and Michael Shellenberger, authors of a controversial 2004 paper titled "The Death of Environmentalism," talk about environmentalism as a strategy that fails in the 21st century.

Nordhaus and Shellenberger's way of thinking was foretelling. People are now putting more resources into actions that have positive environmental consequences, but not exclusively aimed at an environmental problem.

One example is sustainability in design and building practices, which has dramatically increased. Recent federal responses to financial and economic crises represent another example carrying implications for the environment in energy efficiency and conservation.

DOE and Fermilab conform to this shift in thought by integrating consideration for the environment into the fabric of all of our activities. Fermilab has been a member of the U.S. Green Building Council since 2003, and currently employs reviews that increase the sustainability of laboratory construction designs. While this protects the environment, it also saves money in the long run and promotes occupant health and comfort. Our

Monday, Feb. 23

- unavailable

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Wednesday, Feb. 25

Lunch

- Lemon & Herb Tilapia
- Spinach Risotto
- Blueberry Pecan Crumb Cake

Thursday, Feb. 26

Dinner

- Crab stuffed mushrooms
- Speckled trout meuniere with meuniere sauce
- Garlic cheese grits
- Corn maque choux
- Bread pudding with whiskey sauce

[Chez Leon Menu](#)

Call x3524 to make your reservation.

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www.fnal.gov/today/

Send comments and

suggestions to:

today@fnal.gov

Bolingbrook High School, said she felt more motivated to pursue a career in chemistry after the presentation. "You can see it takes a lot of work but in the end it pays off. You can really change the world," Huerta said.

Her parents, immigrants from Mexico, never went to school. But that just makes her want to try harder, she said. "Even if your parents aren't doctors or scientists, you can pursue your dreams," Huerta said.

-- *Kristine Crane*

[Announcement](#)

Diversity focus groups summaries distributed this week

If you participated in a focus group on diversity with Doug Sarno over the past few months, you should receive a draft summary of your group for review by Tuesday, Feb. 24. If you do not receive your summary, please [e-mail](#)

Doug Sarno. He will send you the summary right away. Feedback on the summaries is due back to Doug no later than Friday, Feb. 27.

[Photo of the Day](#)

New employees



Front row from left: Jessica Rosebaum, FESS storekeeper; Jenny Teng, PPD budget analyst; Diane Alexander, WDRS HR/Benefits assistant. Back row from left: Chris Jones, CD computational physics developer; Aron Soha, PPD engineering physicist; Venumadhav Bijumalla, FI application developer and system analyst.

[In the News](#)

annual ES&H plans address the environment beyond the traditional compliance mode. The laboratory recently registered under ISO 14001, which goes beyond simple compliance and rewards practices that advance the health of the environment.

The laboratory is taking steps to be a good environmental steward. Each of us can also work to alter our thinking to integrate practices that have positive influences on the environment. Think about the implications to the environment when you do your daily activities. Changing your habits may help to save you money and help the environment at the same time. By making different choices when you change your light bulbs, drive to work or get a drink, for example, you can often help to save money and the environment.

-- *Rod Walton*

[Accelerator Update](#)

Feb. 18 - 20

- Tev quench during shot setup
- Pbar access for target change

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

[Announcements](#)

Latest Announcements

[The Dark Side of the Universe, Feb. 24](#)

[Have a safe day!](#)

[Online Oxford English Dictionary now available site wide](#)

[Muscle Toning classes](#)

[Kyuki Do classes - March 30](#)

[NALWO - Brown Bag Lunch Program - "Australia: Travels in the Land Down Under" - Feb. 24](#)

[Daycamp information and registration - Deadline - Feb. 26](#)

[The Pierre Auger Experiment - Lecture by Dr. Angela Olinto - Feb. 27](#)

[English Country Dancing, March 1](#)

[Introduction to LabVIEW class](#)

Neutrino work breaks new ground

From *Bangor Daily News*, Feb. 19, 2009

Just across the runway from me sits a cluster of red buildings. Their forms are a bright series of dots against the stark white background of the Polar Plateau. These buildings are the Ice Cube drill camp — an under-ice neutrino-detecting project, one of the most important science projects going on at South Pole Station today.

“OK, explain this one to me again,” I ask one of the Ice Cube scientists as we wait in line for dinner in the galley. “What exactly is a neutrino?”

He laughs, takes a deep breath, and explains. “A neutrino is a stable particle, but it’s not part of the atom. It has very little mass and doesn’t interact that much. There are lots of them around.”

He picks up his eating utensils and a plate as he talks. “Most people are familiar with protons, electrons and neutrons because our world is made up of these particles, and they interact with us. But there are lots of neutrinos out there, too — billions of them go through us every second.”

[Read more](#)

[offered March 5](#)

[Arianna String Quartet performs in Gallery Chamber Series - Sunday, March 8](#)

[On-Site Housing - Summer 2009 - Deadline - March 9](#)

[Fermilab Arts Series presents Solas - March 14](#)

[Altium Designer Lunch and Learn seminar - March 17](#)

[Bulgarian Dance wrkshop, March 19](#)

[URA visiting Scholars applications due March 20](#)

[NALWO - Adler Planetarium Trip - March 21](#)

[Child Care program offered - March 24](#)

[Conflict Management & Negotiation Skills class offered Apr. 1](#)

[Additional Activities](#)

[Submit an announcement](#)