

## Calendar

### [Have a safe day!](#)

Friday, Nov. 6  
3:30 p.m.  
DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.

[Joint Experimental-Theoretical  
Physics Seminar](#) - One West  
Speaker: Zack Sullivan, Illinois  
Institute of Technology  
Title: Dilepton and Tripleton  
Production: Standard Model  
Sources and Beyond

Saturday, Nov. 7  
8 p.m.  
[Fermilab Arts Series](#) - Ramsey  
Auditorium  
Fred Garbo Inflatable Theater  
Company. Tickets: \$26/\$13

Monday, Nov. 9  
THERE WILL BE NO  
PARTICLE ASTROPHYSICS  
SEMINAR TODAY  
8:30 a.m. - 6 p.m.  
[Workshop on Physics with a  
High Intensity Proton Source](#) -  
One West  
3:30 p.m.  
DIRECTOR'S COFFEE  
BREAK 2nd Flr X-Over  
4 p.m.  
All Experimenters' Meeting  
Special Topics: Fermilab  
Service Desk Changes and  
Plans; MINERvA Grows -  
Curia II

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

## Campaigns

### [Take Five](#)

### [Tune IT Up](#)

## Feature

### Suzanne Weber receives Director's Award



Suzanne Weber accepts the Director's Award from Fermilab Director Pier Oddone Wednesday, Nov. 4. Weber received the annual award for her 20 years of work with the Saturday Morning Physics program.

Nearly every Saturday morning for the past 20 years, Suzanne Weber has greeted and guided high school students eager to learn about physics.

Fermilab Director Pier Oddone awarded Weber the 2009 Director's Award for her contributions to the Saturday Morning Physics program.

Weber received the award at the Education Office's annual volunteer reception on Wednesday, Nov. 4. The Director's Award is given annually to an employee, user, graduate student, retiree or guest scientist who contributed significantly to Fermilab's K-12 education programs.

Fermilab employees Herman White, Anne Heavey and Sten Hansen served on the selection committee. White, who chaired the committee, said that Weber was an obvious choice.

"Programs like this don't just happen," White said. "They require someone like Suzanne to get up every Saturday and make it work seamlessly."

Other than a few absences for illness or travel, Weber has worked every one of the Saturday Morning Physics program's sessions, three semesters a year for the past 20 years. Her award cites her support for the program, which "has influenced the lives of thousands of high school physics students, some of whom have

## Recovery Act Feature

### Construction a boon for NOvA's neighbors



[Click on the picture to view a video.](#)

In this [video](#), residents of northern Minnesota and the construction workers building the NOvA neutrino detector facility discuss the benefits project construction has brought their communities.

The facility will house a multi-ton particle detector that will investigate the role of subatomic particles called neutrinos in the origin of the universe.

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

— *Kathryn Grim*

Visit Fermilab's [Recovery Act Web site](#).

## Special Announcement

### Human rights events and canned food drive next month

The Diversity Council is organizing a series of events for Universal Human Rights month, celebrated in December.

A food drive will take place from Nov. 30 to Jan. 8. Bring canned food and non-perishable items to bins in the Wilson Hall atrium and the ground floor. Food will go to the Northern Illinois Food Bank.

Humanitarian photographer [Ivan Yee-Gwan Lo](#) will display a selection of photography and discuss his work from 12:15 p.m. to 1:15 p.m. on Dec. 10 in One West. His photography documents everyday life, medical programs and education in the developing world.

**H1N1 Flu**

For information about H1N1, visit Fermilab's flu information [site](#).

**Weather**

 Chance of rain  
61°/42°

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

**Current Security Status**[Secon Level 3](#)**Wilson Hall Cafe**

Friday, Nov. 6  
- Chorizo burrito  
- New England clam chowder  
- Black and blue cheeseburger  
- Tuna casserole  
- Dijon meatballs over noodles  
- Bistro chicken and provolone panini  
- Assorted slices of pizza  
- Carved top round of beef

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

Wednesday, Nov. 11  
Lunch  
- Chicken Marsala  
- Angel hair pasta  
- Carrots with garlic and rosemary  
- Cassata

Thursday, Nov. 12  
Closed

[Chez Leon menu](#)

Call x3524 to make your reservation.

**Archives**

returned to work at the lab."

"It is nice to be publicly recognized," Weber said about the award. "I really enjoy the program. I regularly meet physicists from around the world, and I really like meeting kids interested in physics from our own backyard."

Weber, who works as Fermilab's conference events coordinator, received a plaque and a \$1,000 award, paid for by an anonymous donation to Friends of Fermilab.

Certificates of appreciation were also given to two finalists:

- Erik Ramberg, for his long-term contributions to the Saturday Morning Physics program and his development of Fermilab's solar and wind energy display.
- Michael Cooke, for his secondary school lectures, his contributions to the Science Open House events and his presentations at the Science Chicago LabFests.

The three additional nominees also received certificates of appreciation:

- Roger Dixon, for his long-term work running the Saturday Morning Physics program and the Internships for Physics Majors program.
- Don Lincoln, for his many public education activities, including his work with QuarkNet teachers.
- Todd Johnson, for his demonstrations, including a demonstration at the laboratory's 2009 Open House.

— *Rhianna Wisniewski*

**In the News****Big tools for science**

From *AIP Matters*, Nov. 2, 2009

Last week, the Department of Energy sponsored a symposium entitled "Accelerators for America's Future"-a lofty title for a gathering to discuss the impact of investments in particle accelerators. These tools of science, which have existed for almost a century, have had considerable impact on both science and the economy in ways that many outside of the physics community are unaware.

These machines began as small tabletop devices in the 1920s, which were used to accelerate the newly recognized class of subatomic particles (electrons, protons, or charged atoms) to energies of many thousands of volts. As the technology of

The Diversity Council will host a brown bag lunch today to organize an outreach opportunity to pack and send food to those in need on Dec. 2. The meeting will take place at noon in One West.

**Photo of the Day****Service Awards - 10 years**

Eleven Fermilab employees received service awards Oct. 23 for 10 years of service. Front row, from left: William Doug Kelley, Mark Dilday, Ewa Skup, Jeff Clark, Heidi Wituk and Sabina Aponte. Back row, from left: Vadim Kashikhin, Spencer Pasero, Nikolai Andreev, Ken Domann, Geoff Savage and Aurelio Juste. Bruce Chrisman, on the right, presented the award.

**Announcements****Latest Announcements**

[Barn Dance - Nov. 8](#)

[Consider a car or van pool this winter](#)

[Women in Science and Technology lunch - Nov. 11](#)

[International folk dancing begins tonight at Kuhn Village barn](#)

[Volunteer opportunity meeting tomorrow](#)

[Fermi Martial Arts classes now in session](#)

[Coed indoor volleyball starts in November](#)

[Travelers must complete profile for TSA](#)

[Fred Garbo Inflatable Theatre at Fermilab Arts Series - Nov. 7](#)

[Fermilab's NALWO History of Wool Brown Bag Lunch - Nov. 10](#)

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

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[today@fnal.gov](mailto:today@fnal.gov)

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designing these tools progressed and the energy was boosted past a million volts, the machines became the basic workhorse for the new fields of nuclear and particle physics. In the 1930s, accelerators were first used in medicine as an instrument of radiation therapy for cancer treatment, and within the Manhattan Project in the 1940s, accelerators were essential for underpinning the nuclear physics for the development of the nuclear bomb and the large-scale industrial processes needed for separating uranium isotopes used to fuel the bomb. Since World War II, the design and application of accelerators burgeoned for all three endeavors: science, industry, and medicine.

[Read more](#)[PowerPoint Tips and Tricks - Nov. 11](#)[Access 2007: Intermediate - Nov. 18](#)[Process Piping \(ASME B31.3\) class begins Nov. 18](#)[HTML: Intro to Web Publishing - Dec. 1](#)["The Night Before Christmas Carol" at Fermilab Arts Series - Dec. 5](#)[Additional Activities](#)[Submit an announcement](#)

Classifieds

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