

## Calendar

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

Friday, August 28

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

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

Speaker: Chris Quigg, Fermilab  
Title: Gedanken Worlds without Higgs

Monday, August 31

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 Topics: DAMIC Low-Mass Dark Matter Search; MINERvA at the Triple Point: Three Phases at Once

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

## Campaigns

## Take Five

## Tune IT Up

## Weather



Chance of rain  
68°/52°

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

## Current Security Status

## Secon Level 3

## Ask the Ethicist

### Fraud, waste & abuse and the Recovery Act

*Gary Leonard, Fermilab General Counsel, wrote this column.*

The American Recovery and Reinvestment Act will provide Fermilab with \$103.1 million. The discovery and reporting of fraud, waste and abuse that involves misuse or mismanagement of Recovery Act funds is a high priority for the federal government.

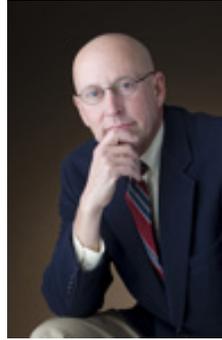
As a recipient of stimulus funds, it is our duty to ensure that any report of fraud, waste and abuse is addressed in an appropriate and prompt manner.

The [Recovery.gov Web site](#) and [poster](#) provide information on how to report allegations, as well as "whistleblower" protections for individuals making disclosures concerning fraud, waste and abuse.

An example of fraud could involve an individual bribing an official to get a federal contract. This act wastes taxpayers' money because the best contractor for the job wouldn't get hired. It also abuses the official's power by taking personal gains over public trust.

Fermilab has always had programs against fraud, waste and abuse and will continue to uphold the same high ethical standards for stimulus funds. These programs instruct employees and users how to report misuse of federal funds as well as concerns regarding public health or safety. "Whistleblower" protections ensure that you cannot be discharged, demoted or otherwise discriminated against as a reprisal for reporting an incident of fraud, waste and abuse.

If you see fraud, waste or abuse of Recovery Act funds, please be prepared to provide the identity of the violator, corroborating



Gary Leonard, Fermilab general counsel

## Recovery Act Feature

### ARRA funds R&D for long-baseline neutrino research



Fermilab will use Recovery Act funds to order the preliminary design of underground and surface structures needed for a long-baseline neutrino experiment.

Fermilab is calling on engineering firms, locally and nationally, to create preliminary designs for a future neutrino experiment.

The Department of Energy has provided Fermilab with \$9 million in funds from the American Recovery and Reinvestment Act for the project at different stages of its approval and design. The laboratory is currently spending the funds on preliminary design.

"This is an opportunity to send money into the technical community outside the laboratory," said Regina Rameika, a Fermilab scientist who is coordinating the design efforts.

The long-baseline neutrino project, which could begin construction as early as five years from now, will place a particle detector at great depth underground to study neutrinos from an intense beam generated several states away.

Researchers from six American laboratories and more than two dozen universities, most in the United States, have proposed plans to generate an intense beam of neutrinos at Fermilab and to place the detector in the Homestake Gold Mine near Lead, South Dakota. It would be the world's deepest underground laboratory, hosting experiments as deep as 8,000 feet underground.

Neutrinos are the most abundant but perhaps

**Wilson Hall Cafe**

Friday, August 28

- 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, September 2

Lunch

- Cabbage & bacon calzone
- Caesar salad
- Espresso mousse w/ cookies

Thursday, September 3

Dinner

- Coquille St. Jacques
- Veal saltimbocca
- Roasted potatoes
- Julienne of peppers, onions and basil
- Hazelnut cake w/crème Anglais

[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**

information or persons, as well as a description of the documentary or physical evidence.

If you would like more information or wish to report an allegation, please contact my office at x3252 or e-mail [ethicist@fnal.gov](mailto:ethicist@fnal.gov). While anonymous complaints are welcome, please understand that a lack of sufficient and specific information may lead to an inability to investigate the allegation.

**Photo of the Day****South Dakota Governor Mike Rounds tours Fermilab**

South Dakota Governor Mike Rounds and Fermilab Director Pier Oddone talk over coffee on Wilson Hall's 15th floor. Gov. Rounds visited Fermilab on Aug. 24-25 to learn more about science done at the laboratory. The Homestake Mine, located in South Dakota, is the site for a proposed underground laboratory.



MINOS co-spokesperson Rob Plunkett gives South Dakota Gov. Mike Rounds a tour of the MINOS experiment's near detector hall, located 350 feet below ground.

least understood particles in our galaxy. Scientists hope to observe the neutrinos changing from one type to another as they travel.

Studying a neutrino beam at two locations a large distance apart gives the neutrinos adequate time and space to change. Placing detectors below layers of earth and rock shields them from other particles that approach the Earth from space.

"The Recovery Act funding allows us to advance the design by making use of expertise in the engineering community," Rameika said. "If this project gets approved, down the road, there will be big civil construction contracts which will continue to support the economy."

--Kathryn Grim

Visit Fermilab's [Recovery Act Web site](#).**Announcements****Latest Announcements**[Robotics for children of Fermilab employees Sept. 9 and 12](#)[Vacation policy changes for exempt employees - Sept. 1](#)[Argentine Tango through Sept. 9](#)[New Lo Cardio Class - Sept. 14-Nov. 16](#)[New Tai Chi For Health class- Sept. 14 - Nov. 16](#)[Scrapbooking open house - Sept. 14](#)[Goldwasser 90th birthday - sign a card](#)[Bowlers wanted Wednesdays](#)[Thai Village restaurant discount](#)[URA Visiting Scholars Program now accepting applications](#)[Bristol Renaissance Faire discount tickets](#)[Six Flags Great America discount tickets](#)

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Taking a tour of the MINOS underground hall and tunnel (from left): Kevin Lesko, UC Berkeley/DUSEL; Jim Soyer, Governor's Office; Bill Harlan, South Dakota Science & Technology Authority; Governor Mike Rounds; Kevin Forsch, Governor's Office; Ron Wheeler, South Dakota STA; and Bill Roggenthen, South Dakota School of Mines and Technology/DUSEL.

#### In the News

### The Large Hadron Collider redux: hoping for a long, hard slog

From **Science**, Aug. 26, 2009

*As they prepare to restart the Large Hadron Collider, accelerator physicists are confident that, instead of suffering a second catastrophic breakdown, the world's largest atom smasher will perform to the standards set by its predecessors—and give them lots of smaller headaches to struggle with.*

In 1991, as accelerator physicists at the Deutsche Electron Synchrotron (DESY) laboratory in Hamburg, Germany, turned on their new \$650 million particle smasher, they ran into some technical glitches. Researchers found one problem in the circuits meant to protect the superconducting magnets at the heart of the 6.3-kilometer-long Hadron Electron Ring Accelerator (HERA) from destroying themselves in an emergency. But in trying to fix the problem, they made it worse, recalls Karl Hubert Mess, then a DESY staff member.

[Read more](#)

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

[Mosaico Hispanico - celebrating Hispanic music and dance - Sept. 19](#)

[English Country Dancing - Sept. 20](#)

[Sign up for fall Science Adventures classes](#)

[Muscle Toning class - through Sept. 28](#)

[Yoga Class - Aug. 11 - Sept. 29](#)

[Office 2007 New Features class offered in September](#)

[Buttered Rum performs on Fermilab Arts Series Oct. 24](#)

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

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

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

[Additional Activities](#)

[Submit an announcement](#)

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