

Furlough Information

New furlough information, including an [up-to-date](#) Q&A section, appears on the [furlough Web pages](#) regularly.

Layoff Information

New information on Fermilab layoffs, including an [up-to-date](#) Q&A section, appears on the [layoff Web pages](#).

Calendar

Tuesday, April 15

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
THERE WILL BE NO
ACCELERATOR PHYSICS
AND TECHNOLOGY
SEMINAR TODAY

Note: Income tax due

Wednesday, April 16

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
4 p.m.

[Fermilab Colloquium](#) - One
West

Speaker: A. Smirnov,
International Centre for
Theoretical Physics
Title: Neutrino Oscillograms of
the Earth

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

Weather



Breezy 62°/43°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Press release

Cosmologist accepts joint appointment at Fermilab, University of Chicago



Craig Hogan

Craig Hogan, a member of one of the scientific teams that co-discovered dark energy, will soon assume dual roles as Director of the Center for Particle Astrophysics at the Department of Energy's Fermi National Accelerator

Laboratory and as a Professor of Astronomy & Astrophysics at the University of Chicago.

Hogan is a Professor of Astronomy and Physics at the University of Washington and a member of the international High-z Supernova Search Team that in 1998 co-discovered dark energy, the mysterious force that works against gravity to accelerate the expansion of the universe. Hogan's hiring is the first joint appointment since the University took a major role in managing Fermi National Accelerator Laboratory for the U.S. Department of Energy in 2007.

"Craig Hogan is an outstanding and respected leader in the field of particle astrophysics," said Fermilab Director Pier Oddone. "I am delighted that he will bring his energy and vision to Fermilab's Center for Particle Astrophysics, a vital part of Fermilab's scientific program."

Chicago scientists founded the field of particle astrophysics at Fermilab during the 1980s, said Edward "Rocky" Kolb, professor and chairman of the Department of Astronomy & Astrophysics at the University of Chicago. In this field, scientists study the connections between forces and objects at the largest and smallest scales of the universe.

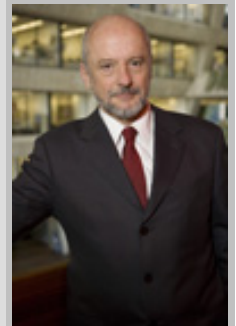
"Craig is a high-profile scientist, and he sees a great future in the Fermilab-Chicago connection in particle astrophysics," Kolb said.

[Read more](#)

Director's Corner

Adaptation

When climate changes or events stress the environment, species either adapt to survive or become extinct. This was never more evident to me than in the events I attended last week: first the symposium honoring Pief Panofsky's life at SLAC and then the APS meeting in St. Louis where I presented our future plans in two well-attended meetings, listened to several presentations on the future of particle physics and participated in a town meeting that dealt with planning for our field.



Pier Oddone

Pief's symposium was a wonderful celebration that brought together many people from across the world, whose lives Pief touched, to celebrate his contributions to science, international relations and arms control. The legend of origins was recounted once more about Pief, the founding director of SLAC, and just as when I hear Leon Lederman describe his days as director, I said to myself "Ah! Those were the good old days." Unlike today's environment, the timescales for such large projects as starting a new laboratory were much shorter, the discretion of laboratory directors much greater, the regulations and oversight much lighter and the competition from other sciences for large investments nearly non-existent. Physicists had done a great service to the nation that was still freshly remembered, and were connected to the highest level of government. Great science got done, and got done quickly.

The APS conference was a great meeting and the discussions on planning for our field's future immediately brought to my mind how complex, drawn out and difficult our planning has become. My physics colleagues who remember the good old days often advise me to act like an old-time director, throw my weight around, push back on too many rules, threaten to resign when I don't like a new imposition and push for what we at the laboratory want and need, community and advisory committees be damned. In today's

Tuesday, April 15

- Chicken & rice soup
- Low carb burger
- Baked meatloaf w/gravy
- Smart cuisine: salmon Provencal
- Peppered beef
- Chipotle chili & queso nachos supreme

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, April 16 Lunch**

- Sesame ginger flank steak w/ asparagus
- Banana chocolate egg roll

Thursday, April 17 Dinner

- Chicken coconut soup
- Shrimp curry
- Jasmine rice
- Cucumber, pepper, tomato & onion
- Hazelnut cake w/espresso ice cream

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

Info

[Fermilab Today](#)

is online at:

www.fnal.gov/today/

Send comments and suggestions to:

today@fnal.gov

Feature**Flavor of particle physics**

If you missed the American Physical Society meeting in St. Louis last weekend, you can still find out what happened. David Harris, the editor-in-chief of *symmetry* magazine, blogged about topics of interest to the particle physics community and provided a flavor of the annual event. The *symmetry breaking* blog received thousands of hits and when it was linked to from *Slashdot.org*

Blog topics include:

- An analysis of the [Tevatron's chances](#) for finding the Higgs.
- Collaborators from DAMA, an Italian dark-matter experiment, may announce they have [detected dark matter](#).
- A synopsis of [discoveries we can expect from the LHC](#).
- What the [shortage of physics undergraduates](#) means for technical, teaching and other fields.

[Read all posts](#)

In the News**Scientists to meet in Lead for deep-lab planning**

From *Rapid City Journal* Editorial, April 6, 2008

Two hundred scientists from around the world will gather in Lead later this month to plan experiments for the world's deepest underground laboratory.

The National Science Foundation chose the former Homestake gold mine in Lead as the site for a proposed Deep Underground Science and Engineering Laboratory. DUSEL experiments will range from astrophysics to the study of life at extreme depths -- 8,000 feet underground or deeper.

The DUSEL Initial Suite of Experiments Workshop is Monday, April 21 through Saturday, April 26. Geoscientists, geomicrobiologists and engineers will meet Monday and Tuesday. On Wednesday scientists will plan education and outreach programs. Physics planning workshops will be Thursday though Saturday.

There will be public lectures in Lead, Spearfish

environment I cannot imagine a faster way to extinction.

The path to succeed in carrying out our research against significant odds requires effort in many dimensions. This is interesting work. It is also work that a single laboratory director cannot do - it takes a team. Working together with the universities and our sister laboratories in a mutually supportive network is key to succeeding on this path. It requires reaching out to the broader scientific community and the public to sell the value of our science. It requires us to explain what we do that fosters the development of a technical workforce and future generation of scientists. It also requires us to deliver rigorously on the safety of our employees, the protection of our environment and the efficiency and integrity of all our operations, including the management of funds as allocated by the agency. There are no shortcuts anymore. It takes all of us to succeed.

I am optimistic that those who adapt to this new environment and strive to be the fittest will succeed.

Accelerator Update

Bruce Worthel, the author of the Accelerator Update, is on furlough. Accelerator Updates will resume next week.

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

[Have a safe day!](#)

Brown Bag Seminar - Sharing the Road

A Brown Bag Seminar titled "Bicycle Commuting and Sharing the Road: Tips for both Cyclists and Motorists," will take place 11:30 a.m.-12:15 p.m. Friday, April 18, in One West. Ed Barsotti, executive director for the League of Illinois Bicyclists, will present information for cyclists and motorists about sharing the road and new laws for 2008. A discussion will focus on bicycle commuting and issues related to Fermilab employees. Barsotti will provide maps and safety information. A door prize drawing will also take place.

Fidelity representative here Wednesday

A Fidelity representative will provide one-to-one consultations, Wednesday, April 16, in the

and Rapid City.

During the workshop, researchers will learn more about the former gold mine, which the South Dakota Science and Technology Authority re-entered last year.

"This gives South Dakota a chance to show scientists how much progress we've already made at Homestake," Gov. Mike Rounds said.

Rounds will address the conference at a banquet Wednesday in Deadwood. The governor will open Monday's workshops. Lt. Gov. Dennis Daugaard will open workshop sessions Wednesday and Thursday, and he will be master of ceremonies at the banquet.

DUSEL construction won't begin until 2012, at the earliest, but South Dakota has a faster plan. The South Dakota Science and Technology Authority is re-opening the gold mine for the Sanford Underground Laboratory -- a sort of "interim DUSEL" -- at a depth of 4,850 feet.

[Read more](#)

Small Dining Room (1SW) in Wilson Hall. Schedule an appointment by calling (800) 642-7131 or visiting the [Web site](#).

Deadline for 2008 Tollestrup Award nominations extended to Friday

The Tollestrup Award committee will accept nominations for the 2008 Tollestrup Award for postdoctoral research until Friday, April 18. The original date was publicized as April 15, but the e-mail address to submit materials was incorrect. Submit nominations and materials to usersoffice@fnal.gov.

Scottish Country Dance Tuesday

Scottish Country Dance will meet Tuesday, April 15, at Kuhn Barn on the Fermilab site. Instruction begins at 7:30 p.m., and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. For more information, call (630) 840-8194 or (630) 584-0825 or folkdance@fnal.gov.

[Additional Activities](#)