

Layoff Information

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

Furlough Information

Information on the furloughs at Fermilab, which stopped May 31, 2008, is available on the [furlough Web pages](#).

Calendar

Tuesday, June 3

9:30 a.m.-6 p.m.

[New Perspectives Conference](#)

- One West

12 p.m.

[Summer Lecture Seminar](#) -

One West

Speaker: L. Lederman, Illinois Math and Science Academy/ Fermilab

Title: A Crack in the Mirror: A 36 Hour Experiment in Particle Physics

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wednesday, June 4

8 a.m.

[Users Annual Meeting](#)

[Registration](#) - Auditorium Lobby

9 a.m.

[Users Annual Meeting](#) -

Auditorium

12 p.m.

[Special Particle Astrophysics](#)

[Seminar](#) - Curia II (NOTE DATE & TIME)

Speaker: P. Steinhardt, Princeton University

Title: Some Curious Theorems about Dark Energy, Inflation and Extra Dimensions
THERE WILL BE NO

Feature

Users' Meeting provides glimpse into Fermilab future



A poster commemorating the 40th anniversary of the annual Users' Meeting stands in the Wilson Hall atrium in 2007. The 41st annual Users' meeting will take place this week at Fermilab.

Exciting ongoing physics results and future research plans will top a series of talks at this year's annual Users' Meeting.

The meeting, which will take place Wednesday, June 4, and Thursday, June 5, will provide an opportunity for both users' and Fermilab employees to learn about Fermilab's current experiments and future plans.

"This year in particular, because of the course of events that has taken place, it is important for people to see that we are doing a lot of productive physics," said Users' Executive Committee Chairman Kevin Pitts. "These physics talks will give examples of the diversity and strength of Fermilab's current and future scientific programs."

All Fermilab employees are invited to attend. This year's highlights will include a presentation of the Particle Physics Project Prioritization Panel report by Yale University Professor Charlie Baltay, chair of the panel. P5 was charged by the High Energy Physics Advisory Panel to create a long-range plan for U.S. particle physics for the coming decade. The new report outlines potential particle physics plans under three separate budget scenarios.

The noteworthy lineup of speakers during the June 4-5 meeting will also include Fermilab Director Pier Oddone, Acting Associate

Director's Corner

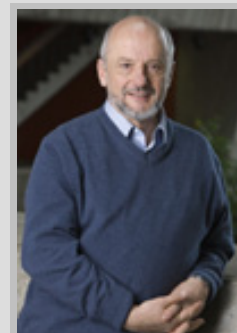
HEPAP and P5

Last Thursday the High Energy Physics Advisory Panel met in Washington, D.C. to debate and approve the Particle Physics Project Prioritization Panel report on the [10-year strategic plan](#) for U.S. particle

physics. The funding agencies charged P5 to recommend a plan to maximize the scientific opportunities in particle physics for each of three possible budget scenarios. P5 developed its recommendations and report in record time despite the very difficult choices the panel had to make, especially when considering the lowest budget scenario.

Professor Charlie Baltay, who chaired P5, outlined the [recommendations](#) at the beginning of the HEPAP meeting. HEPAP approved the plan later in the afternoon after spirited and constructive discussions. The unanimous approval came earlier than expected, and HEPAP adjourned, not needing the time that was planned for on Friday. This strong support by HEPAP is just one of several hopeful signs that the community is coming together behind a coherent plan for the field in the light of budget realities. Early in its process, P5 received a [letter](#) from the six laboratory directors with major particle physics programs (ANL, BNL, Cornell, FNAL, LBNL, and SLAC) committing themselves to support the P5 recommendations.

Overall the report is consistent with the way we have planned the Fermilab program in support of the particle physics community. We have organized our work along the three frontiers of particle physics: the energy frontier, the intensity frontier and the cosmic frontier. At the energy frontier, the report recommends running the Tevatron for one to two years and recommends support for the LHC together with its upgrades. The report recommends support for long-range research towards a lepton collider, including continued R&D for the ILC. A central feature of the report is support for a vigorous long-term program at



Pier Oddone

DIRECTOR'S COFFEE
BREAK TODAY
THERE WILL BE NO
COLLOQUIUM THIS WEEK

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

Weather

 **Thunderstorms**
72°/56°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Tuesday, June 3

- Creamy turkey vegetable
- Chili dog
- Beef & vegetable lo mein
- Chicken cacciatore
- Italian panini w/provolone
- Assorted slice pizza
- Super burrito

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, June 4 Lunch

- Salad nicoise with fresh
grilled tuna
- Lemon cheese cake

Thursday, June 5 Dinner

- Green bean, feta & walnut
salad
- Medallions of beef w/
cabernet sauce
- Roasted baby potatoes
- Steamed asparagus
- Lemon yogurt cake with
strawberries & cream

[Chez Leon Menu](#)

Call x4598 to make your
reservation.

Archives

Director for High Energy Physics at DOE's Office of Science Dennis Kovar, Director of the Division of Physics for NSF Joe Dehmer, Office of Management and Budget's Mike Holland and Congressional Staffer Adam Rosenberg.

The meeting will also feature four talks by graduate students on MINERvA, DZero and CDF and NuSOng, a neutrino experiment. The Graduate Student Association will hold its poster session in the atrium both days. The association will give awards for the best posters at the banquet on Wednesday, June 4.

Visit the [Users' Meeting Web site](#) for more information.

-- *Rhianna Wisniewski*

Photo of the Day

DZero collaborators plan, celebrate at May meeting



DZero computing and algorithms coordinator Erich Varnes (center) gives an award to University of Freiburg graduate student Bjorn Penning (right) for the largest number of computing jobs submitted for analysis over last half a year. DZero held its collaboration meeting during the week of May 19-23 at Fermilab to discuss status of the experiment and plan future activities. The event also offered an opportunity to celebrate the publication of 100 papers by the collaboration in Run II. Many awards were given during the collaboration meeting party, including for the most comments made on papers during collaboration reviews and for taking most control room shifts during Run II.

In the News

the intensity frontier, founded on a long-baseline neutrino program.

The program would use a world-class neutrino source at Fermilab to produce a beam aimed at large detectors in the proposed Deep Underground Science and Engineering Laboratory in the Homestake Mine in South Dakota. In all but the lowest funding scenario, the panel also recommends an intermediate neutrino program based on the NOvA detector. At the cosmic frontier, the panel recommends a strong program aimed at discovering the nature of dark matter and dark energy, including the Joint Dark Energy Mission (JDEM), the Large Synoptic Survey Telescope (LSST) and direct dark matter searches.

The lowest budget scenario could not support all parts of the program. The report outlines several painful cuts that would be required by a budget stuck at the current Omnibus-bill level of funding. Consistent with the P5 report, it is important for us to explain to the scientific community, to our funding agencies and to our elected representatives how much greater will be the scientific opportunity with levels of funding that eliminate the deep cuts made in particle physics in FY2008.

Announcement

New Perspectives Conference takes place today, June 3

The 2008 Annual New Perspectives Conference will take place on June 3 in conjunction with the Users' Meeting. The one-day conference offers talks given by and geared towards undergraduate, graduate and postdoctoral physicists. The conference includes a poster session. Please [click here](#) for more information.

Accelerator Update

May 30 - June 2

- Five stores provided 61 hours and 33 minutes of luminosity
- NuMI horn had LCW flow problem
- Main Injector timing problem
- New Stacking Record: 26.91mA per hour

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

[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

\$5 million anonymous donation will help Fermilab through October

From *Daily Herald*, June 1, 2008

Particle physics research at Batavia's Fermi National Accelerator Laboratory will continue in full swing, at least through October, thanks to an anonymous donation of \$5 million.

The money will allow Fermilab employees to immediately end the forced weeklong unpaid vacations they have been taking every other month since December.

However, Fermilab officials say they still expect to lay off about 140 of the scientific facility's 1,900 employees because of a shortfall in federal funding.

The donation was made to the University of Chicago, with the stipulation that it be used toward the development of future programs in particle physics.

The University of Chicago is a 50 percent stakeholder in the Fermi Research Alliance, which operates Fermilab under a contract for the Department of Energy.

[Read more](#)

In the News

High-energy physics labs join to build a new scientific information system

From *Interactions.org*, May 28, 2008

Hamburg, Germany – The European Organization for Nuclear Research (CERN), the Deutsches Elektronen-Synchrotron (DESY), the Fermi National Accelerator Laboratory (FNAL) and the Stanford Linear Accelerator Center (SLAC) have announced that they will join to build INSPIRE, the next-generation High Energy Physics (HEP) information system, which will empower scientists with innovative tools for successful research at the dawn of an era of new discoveries.

The announcement was made at the second annual Summit of Information Specialists in Particle Physics and Astrophysics held at DESY on May 20 and 21. The summit was attended by representatives from the four laboratories, other information providers, including Cornell's arXiv.org and the SAO/

[Have a safe day!](#)

Two LabVIEW courses offered

The Office for Professional and Organization Development offers two new LabVIEW classes. The deadline to enroll in either class is June 6.

LabVIEW Basics I: Introduction Course [Learn more and enroll](#)

LabVIEW Basics II: Development Course, June 26-27 [Learn more and enroll](#)

Users' meeting June 4-5

Fermilab will host the annual Users' meeting on Wednesday, June 4, and Thursday, June 5. For more information or to register, visit the [Users' Meeting Web site](#).

Project X workshop June 5-6

Following the Users' Meeting June 5, Fermilab and the UEC will hold the third Workshop on Physics with a high-intensity proton source. The workshop begins with a town meeting in One West on the evening of Thursday, June 5, and continues the next day. A preliminary program and registration are [here](#).

Scottish Country Dancing Tuesday

Scottish Country Dancing will move to Ramsey Auditorium for the summer beginning Tuesday, June 3. 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 [e-mail](#).

Register for Science Adventures today

Your child can spend his or her summer learning about architecture, engineering, bugs, computer programming or even kitchen chemistry with the Fermilab Science Adventure program. Programs are targeted to students in grades 1-10. Register now. Classes begin Saturday, June 7. A full schedule and description of classes is posted [online](#). Registration for each class remains open until it's full.

Heart risk screening June 3, 10

Wellness Works and Delnor-Community Hospital will offer a heart risk screening on Tuesday, June 3, and Tuesday, June 10. The assessment will take place by scheduled appointment between 6:30 a.m. and 10:45 a. m. for Fermilab employees in the EOC on the ground floor of Wilson Hall. Those interested can sign up on the [ES&H Web page](#). Participants must fast for 12 hours but can drink water.

NASA Astrophysics Data System (ADS), and leading publishers.

Addressing the meeting, DESY Research Director and CERN Director-General Elect Rolf-Dieter Heuer endorsed this endeavour by saying, “INSPIRE bears the promise of answering emerging information needs and delivering higher efficiency in science through advanced information discovery. It constitutes an exciting opportunity for experimentation and innovation in partnership with other disciplines and publishers.”

[Read more](#)

June 6 deadline for The University of Chicago Tuition Remission Program

The deadline for applying for the tuition remission program at The University of Chicago for the Summer 2008 quarter is June 6. For more information and enrollment forms, contact Nicole Gee at x3697 or visit the [Web site](#).

[Additional Activities](#)