

Calendar

Tuesday, February 7

11:00 a.m. Academic Lecture Series - 1 West

Speaker: B. Kayser, Fermilab

Title: The New World of Neutrino Physics – Part I (1st Lecture)

3:30 p.m. Director's Coffee Break - 2nd Flr X-Over

4:00 p.m. Accelerator Physics and Technology Seminar - 1 West

Speaker: P. Skands, Fermilab

Title: Beyond the Terascale with Muons

Wednesday, February 8

11:00 a.m. Fermilab ILC R&D Meeting - 1 West

Speaker: T. Peterson, Fermilab

Title: A Preliminary Look at the ILC Cryogenic System

12:00 p.m. Wellness Works Brown Bag Seminar - 1 West

Speaker: S. Gill, Rush-Copley Medical Center

Title: Women and Heart Disease

3:30 p.m. Director's Coffee Break - 2nd Flr X-Over

4:00 p.m. Fermilab Colloquium - 1 West
Speaker: R. Pierrehumbert, University of Chicago

Title: Early Life Crises of Habitable Planets

Weather



Partly Cloudy **31°/16°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

DOE FY07 Budget Request Has \$775 Million for HEP



The budget request announced by Energy Secretary Samuel Bodman (above) and by Office of Science Director Ray Orbach includes a \$58 million increase for High Energy Physics.

The President's Budget Request for FY07 is only the beginning of the process for the Department of Energy, but the numbers were cause for cautious optimism by Fermilab Director Pier Oddone on Monday. "We're happy with the increase in the budget request for high energy physics," Oddone said. "The early numbers are encouraging, but there is a long way before the approval of a final budget. It's too early to tell about the numbers for the laboratory in detail."

The budget request announced by Energy Secretary Samuel Bodman and by Office of Science Director Ray Orbach includes a \$58 million increase for High Energy Physics, from \$717 million in FY06 to \$775 million in FY07. The Fermilab HEP budget request is for about \$320 million. The total funding for FY06 has not yet been determined, due to delays in the budget process. The HEP budget request announced by Orbach would double funding for the ILC R&D program, from \$30 million to \$60

Director's Corner

Rising Above the Gathering Storm

As part of the Competitiveness Initiative announced by President Bush in his State of the Union message, the budget for basic research in the physical sciences is to double in the next decade. The proposed budget has an increase of 14



Pier Oddone

percent for the Office of Science in fiscal year 2007 and an 8 percent increase for High-Energy Physics. This remarkable support for the physical sciences at a time of severe financial constraints recognizes the need of our country to stay at the leading edge of science and technology in order to maintain a bright economic future.

Of course this is only the proposed budget. There is a long path ahead before the funds are appropriated by Congress. We can be heartened, however, by the fact that Congress took action to address the issue of competitiveness last May. A bipartisan letter from Senators Lamar Alexander and Jeff Bingaman commissioned the National Academies of Science, Engineering and Medicine to conduct a formal study of the issue. The charge was expanded by a bipartisan letter from the House Committee on Science. The National Academies responded by forming the Committee on Prospering in the Global Economy of the 21st Century, under the chairmanship of Norm

[Secon Level 3](#)**Wilson Hall Cafe****Tuesday, February 7**

- Golden Broccoli & Cheese
- Hickory Smoked BBQ Pork
- Coconut Crusted Tilapia
- Spaghetti w/Meatballs
- Toasted Almond Chicken Salad on Croissant
- Supreme Baked Pizza
- Chicken Fajitas

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express.

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, February 8****Lunch**

- Raspberry Chicken
- Spinach Risotto
- Mocha Cake

Thursday, February 9**Booked**

[Chez Leon Menu](#)

Call x4512 to make your reservation.

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Info

million. There is also \$10.3 million project engineering and design funding for Fermilab's electron neutrino appearance experiment, NOVA.

The Office of Science budget request includes a \$505 million increase (14.1%) over FY06 levels, to \$4.1 billion for FY07. Bodman said the increase would put the Office of Science on a path toward doubling its budget by FY 2016. In his press conference announcing the budget request, Bodman noted that over the last 50 years, the "one overriding factor that stimulated the growth of the US economy was research in the physical sciences." He added: "Continued American leadership in science is critical to our ability to innovate and grow."

—Mike Perricone

- [More on the Office of Science FY07 budget request.](#)
- [Office of Science Director Ray Orbach's presentation on the budget request.](#)

In the News

**From *United Press International*,
February 6, 2006:**

DOE budget focused on new energy

WASHINGTON, Feb. 6 (UPI) -- The U.S. Department of Energy's fiscal year 2007 budget reveals a major shift of focus into research for alternative energy.

Days after President Bush announced in his State of the Union that the United States was "addicted to oil," Energy Secretary Samuel Bodman released a budget he said "aims to break America's dependence on foreign sources of

Augustine, retired Chairman and CEO of Lockheed Martin Corporation and a member of the EPP2010 Committee and the Board of Trustees of URA. Late last year they issued their report, [Rising Above the Gathering Storm](#). This is a sobering document that analyzes what our country needs to do to remain competitive in a world of nations that have the competitive advantage of a low-wage structure and at the same time are making ever-increasing investments in science and technology.

The Competitiveness Initiative also places a strong emphasis on science education. We at Fermilab have long recognized a special responsibility in [this connection](#). In pursuing our science we ask the most profound and difficult questions. As we resolve these mysteries we open grand vistas on the universe and its evolution and we marvel at its underlying beauty and simplicity. Each of us has the responsibility to reach out to the public and the young to communicate this excitement. It is a magnet that attracts young students to science. These future scientists are our best hope for a competitive scientific and technological workforce that will create the knowledge-based resources on which our future prosperity will rest.

Accelerator Update

Fermilab Today is online at: <http://www.fnal.gov/today/>

Send comments and suggestions to today@fnal.gov

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energy."

"In an increasingly competitive world, we will be seeking transformational new technologies," he said at a news conference. "And we will be developing new affordable sources of energy which will someday change how we power our homes and how we power our automobiles."

One sign of the department's changing priorities is the termination of \$61 million worth of funding for energy companies to explore for oil and gas.

The department requested an additional \$4.1 billion, a half-billion more than FY 2006, to support basic scientific research. Bodman said this is a step in achieving Bush's goal of doubling federal spending on science over the next 10 years.

[Read More](#)

February 3 - 6

- Three stores plus an existing store provided 52 hours and 12 minutes of luminosity.
- TEL trips resolved.
- Store 4624 aborted due to a quench.
- Accumulator quadrupole ground fault.

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Fermilab Today Survey

On January 12, the University of Chicago Survey Lab contacted all Fermilab employees by email, providing a link to the Fermilab Today online survey. If you have not yet completed the survey, please take 10 to 15 minutes of your time to answer the questions. Click on the link provided in the email from Kelly Daley of the Survey Lab. (If clicking doesn't work, please copy the entire link as one line into a Web browser.) A Fermilab Today story published on January 10 provides more information on the [survey](#). We will close the survey in the near future.

Scottish Country Dancing

Scottish Country Dancing will meet this evening at Fermilab's Kuhn Barn. 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. Info at 630-840-8194 or 630-584-0825 or folkdance@fnal.gov

[Upcoming Activities](#)