

Calendar

Tuesday, Jan. 8

2:30 p.m.

[Particle Astrophysics Seminar](#)

- Curia II (NOTE DATE)

Speaker: C. Martoff, Temple University

Title: Issues in Initiating WIMP Astronomy

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wednesday, Jan. 9

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Fermilab Colloquium](#) - One

West

Speaker: C. Will, Washington University, St. Louis

Title: On the Unreasonable Effectiveness of Post-Newtonian Theory in Gravitational-Wave Physics

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

Weather



Rain/Snow 53°/28°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

HEPAP message

P5 wants to hear from you

A message from Mel Shochet, chair of the High Energy Physics Advisory Panel:

Yale University Professor Charlie Baltay, chair of the new [P5 Subpanel](#) of HEPAP, and I sent the following message to members of the Division of Particles and Fields, the Division of Physics of Beams, and the Division of Astrophysics. The P5 process will be very important for planning the future of our field, and we are explicitly soliciting the views of *Fermilab Today* readers. When you read the [charge](#) to the P5 panel, note that it was written

BEFORE we learned of the disastrous FY2008 budget for high-energy physics. Since the FY08 presidential budget request as well as the House and Senate appropriation bills had good HEP budget totals, we hope that the omnibus bill's level will not be carried forward in future years. Nevertheless, I expect that the budget scenarios given in the P5 charge will be modified sometime this month.

Dear HEP Community:

DOE and NSF have asked the High Energy Physics Advisory Panel to develop a new Long Range Plan for U.S. Particle Physics for the coming decade. HEPAP has constituted a new Particle Physics Project Prioritization Panel (P5) to carry out this task on a fairly short time scale. We have scheduled three meetings to gather input from the community, at Fermilab, SLAC and Brookhaven. A final meeting will be held in Washington to pull the report together. To keep the community informed of this process, we have set up a [Web page](#) that includes the charge to the panel, the panel membership and the schedule of meetings and the topics to be discussed at each meeting.

This Web page will be updated as more information, such as detailed agendas, becomes available. The panel members are eager to have as much input as possible in this process from the entire particle physics community and invite letters from all interested parties expressing their views on issues relevant to our field. Please address letters to [Mel Shochet](#) (chair of HEPAP) and [Charlie](#)

Director's Corner

Solidarity

Yesterday the director of SLAC, Persis Drell, had an [all-hands meeting](#) to explain the consequences of the FY2008 budget. They are very serious for particle physics at SLAC, the nation and our international relations. They lead to the almost immediate shutdown of the B-factory at the beginning of March and to 125 layoffs in addition to the nearly 100 layoffs previously announced at SLAC. In proportion to the size of the high energy physics program at SLAC, these cuts are even more severe than those at Fermilab.



Pier Oddone

SLAC is our principal national partner on the ILC R&D program. SLAC has made the ILC the keystone of their future accelerator program. SLAC's leadership has demonstrated the highest standard and commitment in supporting the ILC as a national priority even though the facility would be built at Fermilab and not at SLAC. We owe our colleagues at SLAC our strongest efforts to help deal with the problems created by the FY08 budget. A hit to our partners at SLAC is also a hit on our future.

The termination of the B-factory is one factor that allows the program at the Tevatron to remain fully productive in FY08 despite all the problems we face. It places an even greater responsibility on us to deliver on that program and make the sacrifices that will be necessary. On a personal note, I worked for many years on the B-factory at SLAC with great colleagues from SLAC and from national and international institutions. Of special concern to me for our future international collaborations are the abrupt changes that our funding process imposes on our collaborations with international scientific partners. Even formal international agency agreements, as in the case of ITER, do not protect programs against abrupt changes of direction. We must fix this process if we are to regain the trust of our partners and our international standing in the scientific community.

Tuesday, Jan. 8

- Golden broccoli & cheese
- Southern style fish sandwich
- Coconut crusted tilapia
- Spaghetti w/meatballs
- La grande sandwich
- Assorted slice pizza
- Chicken fajitas

*Carb Restricted Alternative

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, Jan. 9****Lunch**

- Cheese fondue
- Marinated vegetable salad
- Fresh fruit plate

Thursday, Jan. 10**Dinner**

- Shrimp chowder
- Filet mignon w/pinot noir sauce
- Potato dauphinos
- Steamed green beans
- Marzipan cake

[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

[Baltay](#) (chair of P5) or anyone else on the panel but please copy [Marcia Teckenbrock](#) who will keep a file of these letters. There will also be town meetings at Fermilab, SLAC and Brookhaven. Detailed times and locations will be posted online as they become available. Wish us luck.

**With best regards,
Mel Shochet and Charlie Baltay**

Budget News Update**Fox Valley towns rally for Fermilab**

From *Beacon News*, Jan. 8, 2008

Batavia aldermen approved a resolution Monday supporting Fermilab during its current financial crisis, and it looks like they may start a trend.

Batavia's resolution asks Congress to reverse a decision made late last month to cut the lab's funding by \$52 million, effectively halting work on a number of projects designed to take Batavia-based Fermi National Accelerator Laboratory into the future. Lab officials announced before Christmas that they would need to lay off about 10 percent of the workforce, and would send the rest of their employees through rolling furloughs to make up lost funding.

[Read More](#)

Read more on Fox Valley town resolutions:

Officials fume at lab cuts
Jan. 8, 2008

Kane County Chronicle

[Read More](#)

Batavia wants federal funding restored for Fermilab

Daily Herald

Jan. 8, 2008

[Read More](#)

St. Charles pushes lawmakers to reverse 'devastating' Fermilab cuts

Daily Herald

Jan. 8, 2008

[Read More](#)

See all related news stories [here](#)

Federal budget cuts to impact

The true measure of a person or an institution emerges in the hard, not the easy, times. SLAC, Fermilab and our particle physics community have been handed a truly hard and difficult time. The way we respond in the days and weeks ahead will define our laboratories and our field. I am convinced that together we will demonstrate the value of the science we do, science that will remain an inspiration for generations to come.

Announcement**Eleventh annual URA Thesis Award Competition underway**

Fermilab and the Universities Research Association invite submissions for the 11th annual URA Thesis Award Competition. The award recognizes the most outstanding thesis related to work conducted at Fermilab or in collaboration with Fermilab scientists. Work must be completed in the 2007 calendar year.

Nominations must be submitted to [Richard Tesarek](#) by March 1, 2008, and should include at least two letters supporting the merits of the thesis being nominated. At least one letter should be from the thesis committee of the Ph. D. granting institution. Selection will be made by the Thesis Awards Committee. Each thesis will be judged on clarity of presentation, originality and physics content. To qualify, the thesis must have been submitted as partial fulfillment of the Ph.D. requirements in the 2007 calendar year, be written in English and it must have been submitted in electronic form to the Fermilab Publications Office in accordance with Fermilab policy.

Accelerator Update**Dec. 21-31**

- One store with an initial luminosity of 193.22E30 was established on Dec. 31.
- TeV helium leak leads to replacing TeV dipole magnet at sector A4
- Linac repairs nitrogen leaks on vacuum valves
- MI found and replaced some bad beam pipe
- Pbar repairs problem with lithium lens

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

key programs at SLAC

From *Stanford News Service*,
Jan. 7, 2008

The omnibus appropriations bill passed by Congress in December 2007 contains significant funding cuts that will require the Stanford Linear Accelerator Center to reduce its workforce by about 15 percent and stop work on two key projects. The cuts apply to fiscal year 2008, which began in October 2007.

[Read More](#)

Statements, video and slides of SLAC Director Persis Drell's All Hands meeting on Jan. 7 are now available [online](#).

Photo of the Day

Brisk beauty before dawn



AD's Marty Murphy snapped this photo of a snow-covered tree on Eola Road between Batavia Road and D0. The photo was taken about 6 a.m. Jan. 1, and is a 20-second exposure. The red hue is what the camera naturally measured.

New location for International Services

The Visa Office and Assignment Services have joined the User's Office to form International Services. The office has moved to the first floor of Wilson Hall on the west side. The contact information is as follows: Amanda Petersen, x4203; Barb Book x3111; Melissa Clayton Lang, x3933; and John Galvan, x3811. The mail stop is MS 103 and the fax is x3688.

LPC Jterm-II workshop Jan. 10-12

The LHC Physics Center at Fermilab will sponsor a workshop titled "Jterm - II" from Jan. 10-12. The workshop is named for the January term at LPC and is for graduate students and postdocs between semesters. The two-day workshop will include plenary talks and tutorials. For more information or to register, visit the workshop [Web site](#). To register, click the evaluation button at the top of the Web site's agenda page.

EAP Office relocation

The Employee Assistance Program Office has relocated to the first office on the West side of the 15th floor. To contact the EAP Office, please call Brian Malinowski at x3591 or [e-mail](#). The EAP is available 24/7 by calling (800) 843-1327.

[Additional Activities](#)