

Calendar

Friday, February 11

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Joint Experimental

Theoretical Physics Seminar - 1 West

Speaker: T. Tait, Argonne National
Laboratory

Title: Z' Searches in Run II

Monday, February 14

2:30 p.m. Particle Astrophysics

Seminar - Curia II

Speaker: P-S. Corasaniti, Columbia
University

Title: Recent Developments in the
Quest for Dark Energy

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting -
Curia II

Weather



Mostly Sunny 35°/25°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

URA Council of Presidents Gets Close-Up of '06 Budget



Congressman David Hobson told the URA Council of Presidents: "We don't have all the money in the world." (Click on image for larger version.)

WASHINGTON , D.C.--Congressman David Hobson of Ohio, Chairman of the House Energy and Water Development Appropriations Subcommittee, had welcome words for the annual URA Council of Presidents meeting on Wednesday at the National Academy of Sciences. "Science and technology are the future of this country," he said.

Yet Hobson admitted he couldn't offer much encouragement following the Secretary of Energy's budgetary request for FY'06, which was announced on Monday. "We don't have all the money in the world," said Hobson, whose subcommittee has budgetary oversight for the DOE and its laboratories. "We'll look at things, and we're trying to learn. We'll make some mistakes. We're willing to talk with anybody. We're willing to be

Wanted: Thesis Nominations, Reward: \$3,000



Fred Bernthal (right) presenting the 2004 URA Thesis Award to Florencia Canelli at the 2004 Users' Meeting. (Click on image for larger version.)

March 1 is the deadline to nominate a PhD thesis for the eighth annual [URA Thesis Award](#), which carries a prize of \$3,000 to the winner. While in previous years students had to attend a URA institution, a rule change for this year's award allows students from any university who have written their theses on Fermilab research to be nominated.

"The award recognizes the large number of theses based on work carried out at Fermilab," said Fred Bernthal, President of the URA, who presents the award each year at the Users' Meeting in June. "We want to call attention to the outstanding work being done at the lab, and this award recognizes everybody here, not only the winner."

The theses are judged on clarity of presentation, originality and physics content. "Students spend years and years of time and dedication on their theses," said Steve Wolbers of the

Friday, February 10

Beef Pepper Pot soup

Buffalo Chicken Wings \$4.75

Cajun Breaded Catfish \$3.75

Spaghetti with Meat Sauce \$3.75

Honey Mustard Ham & Swiss Panini
\$4.75

Double Stuffed Pizza \$3.25

Carved Turkey \$4.75

The Wilson Hall Cafe now accepts
Visa, Master Card, Discover and
American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) will be closed through
January and February

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educated. And that's the reason I came
here today."

James Decker, Principal Deputy
Director of DOE's Office of Science,
offered the details for FY'06: DOE as a
whole is down 2% (\$475 million) from
FY'05 appropriations; the Office of
Science is down 3.8% (\$136.8 million)
from FY'05; and High Energy Physics
is down 3.1% (\$22 million) from FY'05.

As new Energy Secretary Samuel
Bodman said on Monday, the Office of
Science Budget has no FY'06 funding
for Fermilab's BTeV (B-Physics at the
Tevatron) experiment. Decker
explained the decisions for the
Tevatron and the B-factory (BABAR at
Stanford Linear Accelerator Center) to
run hard had left the difficult choice of
not going ahead with BTeV. To have
BTeV operating before CERN's Large
Hadron Collider began producing B-
physics results, Decker said, would
require \$40-\$50 million in FY'06, and
"that was not conceivable in this
budget."

Fermilab Director Michael Witherell
said it was "wrenching to see that
experiment canceled. BTeV would
make use of the world's second-
highest-energy accelerator to explore
B-physics in a new way. The
experiment just went through a very
rigorous DOE review."

[read more](#)

[DOE FY2006 Budget Request](#) (PDF)

Computing Division, who helps judge
the theses. "This award recognizes the
students who put in extra work and
had incredible results."

Florencia Canelli won the award in
2004 for her thesis entitled "Helicity of
the W in single-lepton ttbar events"
while attending the University of
Rochester, which was based on her
research at DZero. "I got 'the call' the
same day as my birthday," she said.
"I've saved the money - at least part of
it." The new method described in her
thesis for measuring properties of the
top quark has also been applied to the
measurement of the top mass. Canelli
is now a post-doc at UCLA and works
on CDF.

Announcements

Fermilab Arts Series

The Fermilab Arts Series presents the
Festival of Four: A World of Music on a
Single Stage on February 19 at 8:00
p.m. in Ramsey Auditorium.

[more information](#)

New Classifieds Posted on Fermilab
Today

New [classified ads](#) have been posted
on *Fermilab Today*. A permanent link to
the classifieds is located in the bottom
left corner of *Fermilab Today*.

Brian Greene Book Signing in
Naperville

On Tuesday, March 1, Brian Greene
will present his latest title, "The Fabric
of the Cosmos" at a special event at
North Central College in Naperville.
Fermilab's Scott Dodelson will
moderate this free event, but
reservations are required. Please call



Jim Decker, Principal Deputy Director of the Office of Science, charted the decreases in the FY'06 budget. (Click on image for larger version.)

In the News

FYI: AIP Bulletin of Science Policy News, February 9, 2005

Administration Seeks 2.4% Increase in NSF Budget

National Science Foundation Director Arden Bement described the FY 2006 budget request as follows: "For FY 2006, the National Science Foundation is requesting \$5.605 billion. That's \$132 million, or 2.4 percent, more than in FY 2005. This modest increase allows us to assume new responsibilities, meet our ongoing commitments, and employ more staff – with little room for growth in research and education programs. This means we'll all have to keep working to leverage resources and work more productively."

[read more](#)

Anderson's Bookshop (630-355-2665) to make a reservation.

[more information](#)

[Upcoming Activities](#)