

Calendar

[Have a safe day!](#)

Wednesday, August 19
3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
THERE WILL BE NO
FERMILAB COLLOQUIUM
THIS WEEK

Thursday, August 20
2:30 p.m.

[Theoretical Physics Seminar -](#)

Curia II

Speaker: Myeonghun Park,
University of Florida

Title: The Latest and the
Greatest Tricks for Studying
Missing Energy Events (PART
III)

3:30 p.m.

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

4 p.m.

[Extreme Beam - Physics at the](#)

Intensity Frontier Lecture
Series - One West

Speaker: Augusto Ceccucci,
CERN

Title: Rare Kaon Decays:
Extreme Physics with Extreme
Beams

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

Campaigns

[Take Five](#)

[Tune IT Up](#)

Weather

Feature

H1N1 goes back to school

Thousands of children across the country will head back to school this week.

For students, this means new clothes, supplies and reunions with friends. It also means an increased risk of getting sick.

The Centers for Disease Control estimates that about 55 million students and 7 million staff members attend the 130,000 public and private schools in the United States each day.

Government officials don't think that a vaccine for the H1N1 flu will be ready until late fall, after the H1N109 flu virus has spread.

To prevent children from catching or spreading the regular seasonal flu or the H1N1 flu, encourage them to practice social distancing and good hygiene practices:

- Wash hands often with soap and water, especially after coughing or sneezing. Wash hands for 20 seconds, or as long as it takes to sing "Happy Birthday." Alcohol-based hand sanitizers can also be used. The CDC recommends at least 60 percent alcohol content.
- Cover your mouth and nose with a tissue when you cough or sneeze. If a tissue isn't available, cough or sneeze into your elbow or shoulder, not into your hands.
- Discourage children from sharing personal care products (lip gloss, Chap Stick) or food or drinks with one another.
- If your children display flu symptoms, including a fever or signs of a fever such as looking flushed, feeling warm or sweating or shivering, the CDC advises keeping them home from school for at least 24 hours after they no longer feel feverish. If flu conditions become more severe, the CDC recommends that the sick person stay home for seven days. A person sick after seven days should stay home until 24 hours after symptoms have gone away.



[Encourage your children to practice sneezing and coughing etiquette to prevent the spread of colds and flu.](#)

From the Finance Section

Buckets of money

Cindy Conger, chief financial officer and head of the Finance Section, wrote this week's column.

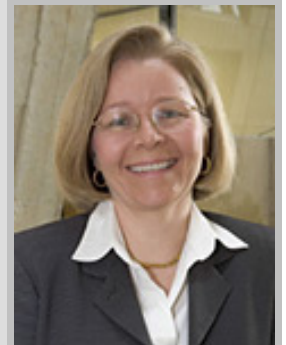
In six weeks, the Finance Section, with the help of the divisions and sections, will be closing the books on FY2009, preparing for audit and setting up for FY2010, which will begin on Oct. 1.

One of the most important tasks in the Finance Section is to support our director and his program leaders as they formulate each year's budget. The financial planning for FY2010 began formally in February 2008, with Fermilab presenting its plans to the DOE Office of High Energy Physics. Our plans have since gone through several iterations in response to changing conditions, bringing feelings of possibility and trepidation.

The process will soon come to fruition as Congress will pass, and the President sign, the FY2010 Energy and Water appropriations bill, which will determine DOE OHEP's funding level and ultimately our laboratory's budget.

Fermilab's DOE funding comes in many different buckets, called Budget & Reporting categories. The B&R categories represent the different programs and activities of the laboratory, and also serve to differentiate operating and capital funds within those programs and activities. The 30-plus B&R categories for Fermilab include things like Accelerator Operations, Theoretical Physics, Superconducting RF R&D and NOvA.

Based on the appropriations bill, Fermilab and OHEP agree on the final-funding level for each B&R category. Each of these funding levels is a ceiling in DOE's financial system, and Fermilab may not overrun the budget for any category by even a penny. In addition, funds in one B&R category cannot be spent on activities funded by a different category unless OHEP submits and DOE approves a request to shift funding. This process can take up to



Cindy Conger



Sunny
80°/68°

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

[Current Security Status](#)

[Secon Level 3](#)

[Wilson Hall Cafe](#)

Wednesday, August 19
- Santa Fe black bean
- Steak tacos
- Chicken Wellington
- Chimichangas
- Baked ham & Swiss on a ciabatta roll
- Assorted sliced pizza
- Crispy fried chicken ranch salad

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Wednesday, August 19
Lunch
- Cumin and chipotle glazed pork loin w/ apple salsa
- Roasted sweet potatoes
- Pear tart

Thursday, August 20
Dinner
- Fresh mozzarella & tomato salad
- Garlic shrimp w/ red peppers & wild mushrooms
- Lemongrass rice
- Sautéed spinach w/ garlic & lemon
- Brandy flan

[Chez Leon Menu](#)

Call x3524 to make your reservation.

[Archives](#)

For more information on H1N1 flu or prevention tips, visit flu.gov.

-- Brian Svazas, MD

Milestones

Service Awards

Earlier this year Fermilab employees received service awards for 10, 25, 30 and 35 years of service to the laboratory. These awards photos are from luncheons on Feb. 27, March 31 and April 17.

[Click here](#) to see all images.

Special Announcement

Extreme Beam lecture Thursday at 4 p.m. in One West

Another lecture of the Extreme Beam series will take place at 4 p.m. Thursday in One West. Augusto Ceccucci, spokesperson for NA62 at CERN, will give a talk titled "Rare Kaon Decays: Extreme Physics with Extreme Beams." A reception will follow.

The lecture series, which will feature talks at Fermilab throughout 2009, will give in-depth information about the science and accelerator and detector technologies that will create a world-leading physics program at the Intensity Frontier.

Visit the [Extreme Beam Web site](#) for more information.

In the News

First black holes starved at birth

From *MSNBC*,
August 14, 2009

Simulations counter earlier ideas that black holes accumulated mass quickly

The first black holes in the universe were born starving.

A new study found that the earliest black holes lacked nearby matter to gobble up, and so lay relatively stagnant in pockets of emptiness.

The finding, based on the most detailed computer simulations to date, counters earlier ideas that these first black holes accumulated mass quickly and ballooned into the supermassive black holes that lurk at the centers of many galaxies today.

two months.

Fermilab's internal budgets are set to ensure that the laboratory stays within the funding levels for all B&R categories. Throughout the year, the Finance Section's Budget Office and the financial managers in the Divisions and Sections monitor the planned budgets against actual expenditures so that we can keep management well-informed.

Everyone involved in the budget process deserves a big thank you for improving our planning and monitoring in the past year. Your efforts make sure that all buckets of money are spent the way they are supposed to be.

Safety Update

ES&H weekly report August 18, 2009

This week's safety report, compiled by the Fermilab ES&H section, includes five incidents reported to the Medical Office last week. One incident was a back strain that resulted in missed work (DART), one head laceration that required sutures (TRC) and three first aid cases.

Find the full report [here](#).

[Safety report archive](#)

Announcements

Latest Announcements

[Vacation policy changes for exempt employees - Sept. 1](#)

[English Country Dancing, Sept. 20](#)

[American Cancer Society announces winners of drawing](#)

[Giving a presentation? Need practice? Feedback? Fermilab Toastmasters Club is for you - Aug. 20](#)

[Bowlers wanted](#)

[Thai Village restaurant discount](#)

[Argentine Tango through Sept. 9](#)

[Fermilab Blood Drive Aug. 25 and 26](#)

[What's New in NI LabVIEW 2009? Aug. 27](#)

[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[User University Profiles](#)[ILC NewsLine](#)[Info](#)

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is online at:

www.fnal.gov/today/

Send comments and
suggestions to:
today@fnal.gov

Visit the Fermilab
[home page](#)

"It has been speculated that these first black holes were seeds and accreted huge amounts of matter," said the study's leader Marcelo Alvarez, an astrophysicist at the Kavli Institute for Particle Astrophysics and Cosmology in California. "We're just finding out that it could be much more complex than that."

Alvarez and colleagues constructed a computer simulation of the early universe based on measurements of the cosmic background radiation left over from the Big Bang, which scientists think started the universe 13.7 billion years ago. The model used these starting conditions and the laws of physics to watch how the universe may have evolved.

[Read more](#)[URA Visiting Scholars Program now accepting applications](#)[Bristol Renaissance Faire discount tickets](#)[Six Flags Great America discount tickets](#)[Raging Waves Waterpark online discount ticket program](#)[Mosaico Hispanico - celebrating Hispanic music and dance - Sept. 19](#)[Sign up for fall Science Adventures classes](#)[Office 2007 New Features class offered in September](#)[Buttered Rum performs at Fermilab Arts Series Oct. 24](#)[Fred Garbo Inflatable Theatre at Fermilab Arts Series - Nov. 7](#)[Process piping \(ASME B31.3\) class offered in October and November](#)["The Night Before Christmas Carol" - at Fermilab Arts Series - Dec. 5](#)[Additional Activities](#)[Submit an announcement](#)