

Calendar

Wednesday, April 26

11:00 a.m. Fermilab ILC R&D Meeting - Curia II

Speaker: T. Koeth, Rutgers University

Title: Results from Capture Cavity

1:00 p.m. Academic Lecture Series (note time) - 1 West

Speaker: S. Dodelson, Fermilab

Title: The Clumpy Universe – Course 6b (2nd Lecture)

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Fermilab Colloquium - 1 West

Speaker: M. A'Hearn, University of Maryland

Title: Deep Impact: Excavating Comet Tempel 1

Thursday, April 27

2:30 p.m. Theoretical Physics Seminar - Curia II

Speaker: J. Zupan, Carnegie Mellon University/Stefan Institute, Ljubljana

Title: Charmless 2-Body B Decays in SCET

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Accelerator Physics and Technology Seminar - Curia II

Speaker: V. Ranjbar, Fermilab

Title: Chromaticity and Impedance Effect on the Transverse Motion of Longitudinal Bunch Slices in the Tevatron

Weather

EPP2010 report - Webcast

The committee working to form a 15-year plan for US participation in global efforts in particle physics, also known as [EPP2010](#), will issue a final release of its public report today at 2:30 p.m. EDT at the Keck Center of The National Academies in Washington, D.C. Audio webcast will be available [here](#). Friday's issue of *Fermilab Today* will include a summary of the proceedings.

Physicist joins National Academy of Sciences

In other new news from the National Academies, Melvyn Shochet, Elaine M. and Samuel D. Kersten Jr. Distinguished



Mel Shochet

Service Professor in Physical Sciences and professor in the department of physics at the Enrico Fermi Institute, University of Chicago, was

selected to be a new member of the National Academy of Sciences yesterday at the 143rd annual meeting in Washington, D.C. "Election to the Academy is considered one of the highest honors in American science and engineering," said Academy President Ralph Cicerone. A total of 72 new members were announced yesterday. Read the [press release](#) here.

Plant a tree for Earth Day



With Earth Day just behind us, it's time to plant trees at Fermilab. Bring a shovel, boots and gloves to the West Wilson guard house tomorrow at 11:30 a.m., and Roads and Grounds will bring the rest. There will be 60 to 75 trees and shrubs to plant around the site with a hotdog lunch to follow. For more information, contact becker@fnal.gov or call x3303. For other details, including a map of the meeting place, visit the [website](#).

Health and Fitness Day 2006: "Making Fitness Fun"



Last year, 268 Fermilab employees participated in National Employee Health & Fitness Day. (Click on image for larger version.)



Sunny 65°/39°

[Extended Forecast](#)[Weather at Fermilab](#)**Current Security Status**[Secon Level 3](#)**Wilson Hall Cafe****Wednesday, April 26**

- Vegetable Beef
- Fish & Chips
- Salmon w/Lemon Pepper
- Country Fried Steak w/Pepper Gravy
- Beef & Cheddar Panini w/Sauteed Onions
- Assorted Personal Sized Pizzas
- Cavatappi Pasta w/Italian Sausage & Tomato Ragù

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

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, April 26****Lunch**

- Salad Niciose w/Fresh Grilled Tuna
- Chocolate Pecan Tart

Thursday, April 27**Dinner**

- Spring Rolls
- Lemon Grass Beef
- Jasmine Rice
- Salad of Bean Sprouts, Cucumber & Carrots
- Mango Flan

[Chez Leon Menu](#)

Call x4598 to make your reservation.

CMS counting down to first LHC collisions

Earlier this month, physicists from about 50 institutions across the country congregated in Lincoln, Nebraska, for an annual meeting of the US portion of the CMS collaboration. With the Large Hadron Collider scheduled to begin running next summer, said Boaz Klima of the LHC Physics Center (LPC) at Fermilab, members of CMS are accelerating the pace of their work. "Everything looks a lot more realistic now. We have to be ready for physics on day one," Klima said.

The Compact Muon Solenoid (CMS), and its sister ATLAS, are the two largest scientific collaborations in history, each project involving nearly 3000 physicists and engineers from more than 30 countries. The colossal CMS detector, already being assembled at CERN, will be 21 meters long and 16 meters in diameter-and an order of magnitude more complex than any of today's detectors.

A Remote Operations Center (ROC) on the 11th floor of Wilson Hall will allow physicists at Fermilab to monitor online data collection at CERN from halfway across the world. US CMS physicists offered to take the CERN "owl shifts" here at Fermilab, since midnight in Switzerland is a more reasonable 5 PM

On May 17, Fermilab and Wellness Works will join thousands of organizations across the country to celebrate National Employee Health & Fitness Day--the largest worksite health and fitness observance in the U.S.

This year's event is from 11:30 a.m. to 1:30 p.m. on Ring Road. Participants may sign in, pick up a game ticket and grab a bottle of water at A1, then walk, run, rollerblade, or bike around the ring. Stations along the way will provide fitness activities, prizes and cheers of encouragement. At the end, stop off at the prize table to see if you have a winning ticket.

Come join the fun on May 17; the division or section with the largest percentage of participation will win the traveling trophy (last year's winner was Lab Services). Rain date will be May 18.

Photo of the Day

These babies, born about a month ago, will grow to be more than five feet tall and eventually weigh about 2,500 pounds. (Click on image for larger version; courtesy of Technical Division's Tom Nicol.)

Announcements

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in Illinois. A clock above the entrance to the ROC counts off the days, hours, minutes, and seconds until "first collisions" on July 1, 2007. It may be over a year away, but in terms of particle physics, it is right around the corner. "This is the beginning of getting together, integrating tremendous efforts which have been in place for many years, and assembling an experiment that can produce physics on the time scale of that clock. It's a daunting task," Klima said. --*Jennifer Lauren Lee*

In the News***The Beacon News*
April 25, 2006:****Fermilab invites families to potluck**

BATAVIA — A special reunion takes place each year at Fermi National Accelerator Laboratory in Batavia. However, it is not for the scientists, the researchers, or the lab workers who have converged on the site since 1967.

Long before the state gave the land over to science, farm families lived on this massive acreage. On May 6, those families and their descendants are invited back for an old-fashioned Prairie Potluck lunch, from noon to 3 p.m. at the Kuhn Barn.

"We love this picnic because the older generation can share their stories, in the original setting, with their grandchildren and great-grandchildren," said Fermi archivist Adrienne Kolb. About 100 people usually attend, she said.

[Read More](#)

Fundraiser for John LaFleur

The City of Batavia will host a fundraising event for the family of John LaFleur on May 13 from 2-8 p.m. LaFleur was a Fermilab electrician who passed away March 26 as a result of complications from a brain tumor. He is survived by a wife and three children and had not worked at Fermilab long enough before his death to receive a pension. Tickets are available through Greg Gilbert, x6835 or gilbert@fnal.gov. Details about the event, including location, can be found [here](#).

Employee Assistance Program

As of May 1, 2006, VMC Behavioral Healthcare Services will be administrating Fermilab's Employee Assistance Program (EAP). This valuable benefit offers confidential and professional referral services to you and your immediate family members for personal and work related concerns. If you or a family member is experiencing a personal challenge, do not hesitate to contact the Employee Assistance Program at 1-800-843-1327. More information can be found [here](#).

Unix Users Meeting

There will be a Unix users meeting on April 26 at 1:00 p.m. in Curia II. Linux updates and security tidbits will be discussed.

Book Fair Today and Tomorrow

Check out the book fair today from 10 a.m. - 6 p.m. and tomorrow from 7 a.m. - 3 p.m. in the atrium. Proceeds from the book fair go toward subsidizing Fermilab recreation programs.

[Upcoming Activities](#)

