

## Calendar

Wednesday, September 8

3:30 p.m. DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
THERE WILL BE NO FERMILAB  
COLLOQUIUM THIS WEEK

Thursday, September 9

2:30 Theoretical Physics Seminar  
- Curia II

Speaker: J. Laiho, Fermilab

Title: Improving the Lattice

Calculations of  $e'/e$

3:30 DIRECTOR'S COFFEE BREAK -  
2nd Flr X-Over

4:00 Accelerator Physics and  
Technology Seminar - 1 West

Speaker: L. Jin, University of Kansas

Title: Coherent Beam-Beam Effects in  
Storage-Ring Colliders

## Wilson Hall Cafe

Wednesday, September 8

Beef Noodle

Classic Pastrami on Rye \$4.75

Seafood Jambalaya \$3.75

Lasagna \$3.50

Turkey Ranch Wrap \$4.75

7" Sausage Pizza \$2.75

Beef or Chicken Burrito \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

## Weather



Breezy 72°/51°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Fermilab Health Fair Tomorrow



[Health Fair \(Click on image for larger version.\)](#)

Fermilab's 8th semi-annual health fair will focus on personal wellness and health screenings in the Wilson Hall Atrium on Thursday, September 9, from 11:00 a.m. to 2:00 p.m. Yoga, massage, and biofeedback presentations will be offered, and raffle tickets for various prizes will also be available.

"We want our employees to be aware of the resources and organizations in the area and how these resources can be accessed, and to enjoy the fair as well," said Employee Assistance Counselor Bernie Dugan, who is one of the fair organizers.

Health and community organization representatives will be available to answer questions and conduct various screenings for blood pressure, heart rate, and eye exams, plus a computerized back and posture test. Suzanne Osman, who has led past Wellness Works Presentations, will teach participants about the therapeutic benefits of music through the art of hand drumming, with a

## Russians at Fermilab share grief over school siege

Like all Russians, Vladimir Shiltsev kept special memories of the traditions when school opened each year on September 1.

"The first day of school is very important, like a national holiday. We all went through that day," said Shiltsev, head of the Accelerator Division's Tevatron Department. "All students are together from the first grade through the 10th grade, so schools are very large. All the parents are there on the first day. All the students form one line, and the rector and all the teachers come to greet all the children.

"Then the 10th graders go to the newcomers, who are starting their first day in first grade. They give them little presents, and



Vladimir Shiltsev

flowers. Then the 10th graders link arms with the first graders and go into the school with them. It's a symbol of Russians' respect for education, of our love for learning."

It was amid this ceremonial day in Russia's southern city of Beslan that the hostage tragedy took place on Sept. 1, with an estimated 350 deaths. Russians comprise the second-largest foreign national group at Fermilab (Italians are the largest group), with more than 180 users, students and

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[Secon Level 3](#)

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demonstration in One North. All employees and users are welcome to participate in an interactive group drum circle at the end of the demonstration. For more information about the Health Fair, contact Bernie Dugan at x3591.

## Upcoming power outages

### CDF

September 11, CDF will have no power from 7:30 AM to about 5:30 PM.

However, this is for oil switch maintenance. If the technicians find problems, the power outage may last longer.

### Industrial Building

September 11, no power for 24 hours beginning at 7:30 AM

### Feynman Computing Center

September 11, the Feynman Computing Center will switch to its generators before its 24-hour power outage begins at 7:30 AM. There will be no power interruption.

### Wilson Hall (and all of Fermilab except for the Village and the Main Injector)

September 13, no power for 1/2 hour beginning around 7:00 AM - September 24, no power for 1/2 hour beginning around 7:00 AM

## In the News

guest scientists, plus many full-time employees like Shiltsev and their families. The Beslan tragedy has hit them hard, especially following the crash of two planes and an explosion in Moscow in the last few weeks.

"But those two do not compare," Shiltsev said. "Not when this happens to kids, hostages."

Shiltsev said many members of the lab's Russian community have made donations through [Moscow Help](#), a not-for-profit organization set up originally to aid victims of the Moscow theater bombing in October, 2002.

"They don't go through the government," he said. "The people-to-people organizations are more effective. We will do what we can."

## Announcements

### Open Enrollment for the Medical and Dental Insurance Plans

The plan representatives will be in the atrium at Wilson Hall on September 8, from 8:00 A.M. to 1:00 P.M. to answer any questions that you may have and to distribute forms, directories and other information. You can access further information on the Web [here](#).

### International Folk Dancing

International Folk Dancing will be held at 7:30 p.m. Thursday, September 9, at the Geneva American Legion. Info at 630-584-0825 or 630-840-8194 or [email](#).

### Fermilab Barnstormers Meeting Wednesday

The Fermilab Barnstormers, Model Aeronautic Club, will have its next meeting on Wednesday, Sept 8 at 5:30 p.m., at the Frelø Flying Field.

**From *New Scientist*,  
September 4, 2004:**

**Half the universe is missing**

Today's universe is only half the place it used to be. Admittedly there is still a lot of it around, locked up in dust and gas, but that's only half the story - quite literally. Over 13 billion years ago, the big bang forged equal amounts of matter and antimatter. Take a look around today though, and you'll see that all the antimatter has vanished.

It's lucky for us that it has. According to our best theories, all the matter and antimatter should have annihilated each other in a puff of radiation. The universe should be filled with pure light, not planets and stars and people. To create the universe we see today, matter somehow gained the upper hand over antimatter a fraction of a second after the big bang. But how? [Read more](#) (registration required)

Meetings are held on the second Wednesday of each month. The club will meet in the Users Center if it rains. New members welcome! Current members fly control line, R/C gas and electric planes. The club also has members who fly helicopters! Try out the trainer club plane, bring something to fly, or come and watch.

**Budker Seminar Tomorrow**

There will be a Budker Seminar Held on Thursday September 9th in the User's Center Music Room.

Talk Title: "Strand and Cable Studies for High Field Magnets" Speaker: Bernardo Bordini Location: User's Center Music Room

Pizza, beer and soft drinks will be served at 6:00 p.m.

[Click here](#) for more information.

**UEC Career Night**

The Fermilab UEC will be hosting a Career Night on Thursday, September 9 from 7:00 p.m. to 9:00 p.m. in One West. The talks are aimed at graduate students and young physicists, but everybody is welcome. Wine and cheese will be served from 6:00 p.m. to 7:00 p.m. For more information, contact a member of the Organizing Committee: Ken Bloom, Sharon Hagopian, Lydia Lobo, or Paul Sheldon.