

## Calendar

Friday, Dec. 19  
3:30 p.m.  
DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.  
[Joint Experimental-Theoretical  
Physics Seminar](#) - One West  
Speaker: Petar Maksimovic,  
Johns Hopkins University  
Title: Recent CDF  
Measurements of B Hadron  
Lifetimes in Displaced Tracks-  
Triggered Samples

Monday, Dec. 22  
3:30 p.m.  
DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.  
All Experimenters' Meeting -  
Curia II  
Special Topic: MINERvA  
Tracking Prototype  
Commissioning

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

## Weather



Snow  
29°/20°

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

Current Security  
Status

[Secon Level 3](#)

Wilson Hall Cafe

Friday, Dec. 19  
- Italian vegetable soup  
- Teriyaki chicken  
- Southern fried chicken  
- Mediterranean baked tilapia  
- Eggplant parmesan panini  
- Assorted sliced pizza  
- Assorted sub sandwich

[Wilson Hall Cafe Menu](#)

## Feature

### Bill Bardeen, Pushpa Bhat named AAAS fellows



Pushpa Bhat

Members of the American Association for the Advancement of Science will recognize Fermilab particle physicists Bill Bardeen and Pushpa Bhat as AAAS Fellows at the organization's annual meeting in Chicago on Feb. 14.

AAAS defines a Fellow as a member whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished. Six other Fermilab employees, including former Fermilab directors Leon Lederman and John Peoples, have been elected as AAAS Fellows in the past.

In November, the AAAS Council elected as Fellows 486 of its members, 32 of whom have made contributions to the field of physics. They will receive a certificate and a blue and gold rosette.



Bill Bardeen

## Feature

### Kay Campbell to retire



Kay Campbell

Kay Campbell has been there for Fermilab employees for 18 years. Birth, death, marriage, retirement – during each life-changing milestone, the human resources assistant has helped employees navigate the benefits process.

Campbell reaches her own milestone Dec. 31: retirement. Today is her last day at the laboratory.

"Kay will be taking with her history and knowledge of the laboratory that those of us

## From iSGTW

### ALICE prepares for study of primordial plasma

Although scientists cannot travel back in time to study the primordial particle "soup" of the very early universe, they can do the next best thing—recreate it. In addition to accelerating and colliding protons, the Large Hadron Collider at CERN will collide high-energy lead ions one month each year primarily for ALICE (A Large Ion Collider Experiment). ALICE scientists hope to use these collisions to recreate inside the detector tiny drops of primordial matter, the so called quark-gluon plasma, that presumably existed a few microseconds after the Big Bang.

ALICE is expected to produce around 100 Terabytes of data each day—the equivalent of about 20,000 DVDs.

"Processing this data will require extensive computing power—roughly 10,000 CPUs running continuously," said Ron Soltz, an ALICE collaborator and researcher at Lawrence Livermore National Laboratory. "To pull together that much computing, the data need to be distributed to the different scientific centers around the world, and that's where the grid comes in." The Worldwide LHC Grid enables the raw detector data to be distributed among the 1,000 ALICE collaborators in 31 countries.

[Read more](#)



Image courtesy of  
[scq.ubc.ca](#).

Photo of the Day

**Chez Leon**

Wednesday, Jan. 7

Lunch

- Chicken enchiladas
- Refried beans
- Spanish rice
- Pineapple flan

Thursday, Jan. 8

Dinner

- Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

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remaining don't have," said Scott Lindsey, a human resources administrator in the Benefits Office. "At least several times a month a question or situation comes up that I have never heard of. Kay knows."

Campbell joined the Fermilab Benefits Office in 1991 after working secretarial jobs and customer service positions for an insurance company.

"I really enjoy helping people," Campbell said. "We assist so many people. I learned to listen and communicate with them to help them better understand their benefits and help them with their problems. I feel that I've treated everyone with the same respect."

Lindsey, who has worked with Campbell for the past seven years, said he'll miss her thoughtfulness and knowledge.

"Kay is virtually unflappable. She is calm and reflective in most chaotic situations," he said.

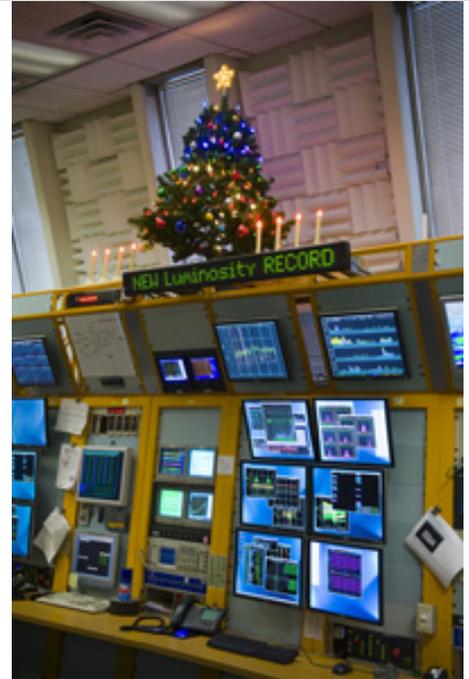
During her time at the laboratory, Campbell has helped employees understand the changes in their benefits, such as a new life insurance plan and adding new benefits. She has helped foreign employees figure out the benefits they need, and has handled delicate, personal situations for employees, such as wage garnishments.

Campbell plans to garden, do floral design and spend time with her grandson when she retires. Although Campbell said she'll miss the people at Fermilab, she is happy to have helped so many people over the years.

"Helping people was my biggest contribution," she said.

Weather permitting, please stop by and say farewell to Campbell from 1-5 p.m. today in the Benefits Office, WH15W.

-- *Rhianna Wisniewski*

**In the News****Celebrating the holidays with record-setting luminosity**

Well-placed holiday decorations mark the season and the Tevatron's highest luminosity ever. The Tevatron reached a record weekly integrated luminosity of 74 inverse picobarns during the week of Dec. 8-15. [Read more here.](#)

**Announcement****Air conditioning shutdown**

The air conditioning system for Wilson Hall for the whole building will be shut down from 6 p. m. to midnight today and Friday to service the system. Please plan large meetings accordingly.

**Announcements**

[Have a safe day!](#)

[Science Chicago hosts Mythbusters](#)

[NALWO - A Russian Style New Year](#)

[Holiday Pay Dates](#)

[Monthly Leave Sheets due Dec. 19](#)

[Shop early - Lederman Science Center store open until Dec. 20](#)

[Barn Dance Dec. 21](#)

[Holiday Closing](#)

[Weekly Time Sheets are due Dec. 22](#)

[SciTech winter camps, Dec. 22-23](#)

## Strange dark energy acts as galactic diet enforcer

From *Associated Press*, Dec. 17, 2008

Mysterious dark energy, which likely causes the universe to keep expanding, seems to have another effect: It prevents the biggest clusters of galaxies from getting too fat. Astronomers used X-rays to study the formation of galactic clusters billions of years ago. Their research supports the hard-to-fathom concept of dark energy as a potent force that governs the growth of the universe.

It also means Albert Einstein's century-old theory of general relativity passes another crucial, but not conclusive, real-world test.

[Read more](#)

[and 29-30](#)

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[Python Programming - Jan. 6 - 8](#)

[Outlook 2007 New Features classes scheduled Jan. 15 and Feb. 3](#)

[Intermediate / Advanced Python Programming - Jan. 27 - 29](#)

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