

## Calendar

### [Have a safe day!](#)

Monday, August 10  
PARTICLE ASTROPHYSICS  
SEMINARS WILL RESUME IN  
THE FALL

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

Tuesday, August 11  
12 p.m.  
Summer Lecture Series - One  
West

Speaker: Harrison Prosper,  
Florida State University  
Title: The Standard Model and  
Beyond (REPEAT of 6/9/09  
Lecture)

3:30 p.m.  
DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
THERE WILL BE NO  
ACCELERATOR PHYSICS  
AND TECHNOLOGY  
SEMINAR TODAY

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

## Campaigns

### [Take Five](#)

### [Tune IT Up](#)

## Weather



Scattered  
thunderstorms  
86°/66°

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

## Feature

### Dan Bauer chosen as deputy head of Center for Particle Astrophysics



Dan Bauer

Five months ago, Dan Bauer's life became a lot busier—and, he said, a good deal more exciting. In February, the Fermilab scientist and Cryogenic Dark Matter Search project manager stepped into a new role. He became the first deputy head of the Fermilab Center for Particle Astrophysics, an intellectual gathering place for the laboratory's approximately 40 astrophysicists.

"The position was created because it became clear that the center was growing and taking on many new efforts," Bauer said. "There are a huge number of ideas for new research."

In his first months on the job, Bauer has helped to manage the center's established projects, including the Dark Energy Survey, Pierre Auger Observatory, COUPP and CDMS, which he has led since 2002. But he has focused the bulk of his energy on cultivating future experiments.

"We want to make sure we water those seeds," he said, explaining that center scientists are currently devising plans for about 14 proposed projects.

One proposal would use gravity wave technology to learn whether the visible universe might be a hologram that encodes two-dimensional information from the three dimensions we perceive. Another would investigate precise characteristics of the Cosmic Microwave Background, potentially revealing clues about the universe's earliest

## ES&H Tips of the Week - Health

### Medical Office provides travel tips



[Make sure to communicate travel plans to Fermilab's Medical Office.](#)

During some health risk appraisals, I'll occasionally glance at the notes in the patient's chart and inquire about a recent trip. Some employees appear astonished that their recent business trip was known, let alone logged, at the Medical Office.

Our interest in your travel is purely focused on prevention. The Travel Office provides us with specifics so that we can target our advice to your specific destination, time frame and activities.

Initially we just contacted folks who went to unusual destinations, but in alignment with some recent DOE guidance, we now send out information on all foreign travel. That is why you may have noticed some e-mails in your inbox about health issues in other countries.

Our tips primarily come from political, consulate and hospital information for assorted destinations. Travelers face many potential challenges when facing new environments and new cultures. Where possible, we try to tailor the report to what we know about the traveler.

Sometimes the best advice is what not to bring. Japan, for instance, regulates over-the-counter medications such as pseudoephedrine

## Current Security Status

seconds. And there are several ideas for direct observation of dark matter, including detectors filled with liquid argon and solid xenon.

(Sudafed) to curb its use in home-brewed drugs of abuse.

## Secon Level 3

### Wilson Hall Cafe

Craig Hogan, head of the Center, said that Bauer is ideally qualified to support such projects.

Sometimes it's the environment that poses the challenge. High-altitude destinations or long flights for people with certain medical conditions can require consultations.

Monday, August 10

- Smart Cuisine: \*Potato leek soup

- Monte Cristo

- Smart Cuisine: \*1/2 Roasted chicken

- Alfredo tortellini

- Chicken ranch wrapper

- Assorted sliced pizza

- Szechuan style pork lo mein

"Dan's very experienced at project management and development," Hogan said. "He is also an experienced experimentalist. Since I am a theorist, we complement each other well."

You can help us offer you more complete advice by keeping your vaccination record up to date at our office so we can track when a booster shot is needed for vaccinations, such as measles and whooping cough, or recommend vaccinations needed for travel.

\*Carb restricted alternative

For his own part, Bauer is glad to contribute to the management of the center.

The Medical Office gives Tetanus shots, but you should get other shots at a clinic or doctor's office. The purchase of any vaccination or medication prompted by a side (pleasure) trip can't be expensed.

### Wilson Hall Cafe Menu

#### Chez Leon

"It's an exciting place to be," Bauer said. "It's fun to hear people come up with ideas, to sift through the possibilities and then figure out how to make a project happen."

-- Rachel Carr

### Special Announcement

Wednesday, August 12

Lunch

- Chicken Enchiladas

- Mexican Rice

- Confetti Salad

- Pineapple Flan

## Wilson Hall closed Saturday, Aug. 15

Wilson Hall will be closed on Saturday, August 15, due to a shutdown-related power outage. The power feeding Wilson Hall will be shut off between 7 a.m. and 5 p.m. The cafeteria will also be closed. Wilson Hall will reopen about 6 p.m., after power is restored.

So remember that the pre-travel e-mail you receive from the Medical Office contains useful information. Please read it and help us ensure that your next trip will be memorable for all the right reasons.

### Safety Tip of the Week Archive

Thursday, August 13

Dinner

- Closed

### Shutdown Update

July 31 - August 7

- Linac: H- Source operational

- Booster: GMPS work 90 percent complete

- Pbar: A2 dipole magnet replacement complete

- MI: Found fault in Multiwires that will cause four-day delay

- Recycler: NMR probes replacement is 90 percent complete

- TeV: Replacing bad stands

- NuMI: Completed Hadron Monitor replacement

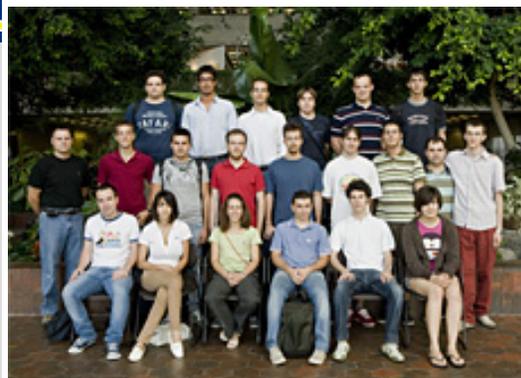
- Safety: One first-aid case

### Chez Leon Menu

Call x3524 to make your reservation.

### Photo of the Day

## New employees - July 27



From bottom left: Vamis Xhagjika, AD; Caterina Vernieri, TD; Priscilla Pani, PPD; Gerardo De Pasquale, CD; Francesco Bonatesta, AD; and Sara Ezgi Akgul, WDRS. Row two, from left: Patrick Alexander, TD; Diego Dal Canto, TD; Davide Sgalaberna, PPD; Ernesto Tripodi, TD; Stefano Mintchev, TD; Francesco Rubbo, PPD; Valerio Vagelli, PPD; Simone Moio, TD; and Wilbert Samuel Rossi, AD. Row three from left: Nicola Poles, PPD; Nicola Ferroni, CD; Gianluigi Sem, TD; Luca Ceccanti, AD; Matteo Bertoneri,

### Read the Current Accelerator Update

### Read the Early Bird Report

### View the Tevatron Luminosity Charts

## Archives

### Fermilab Today

### Result of the Week

### Safety Tip of the Week

### User University Profiles

### ILC NewsLine

## Info

## Announcements

*Fermilab Today*  
is online at:  
[www.fnal.gov/today/](http://www.fnal.gov/today/)

Send comments and  
suggestions to:  
[today@fnal.gov](mailto:today@fnal.gov)

Visit the Fermilab  
[home page](#)

TD; and Riccardo Bartalucci, TD.

## In the News

### **Large Hadron Collider will restart at half-power**

From *Times Online*, Aug. 7, 2009

The Large Hadron Collider will run at only half its maximum energy when it restarts in November after a serious fault forced it to be shut down for more than a year.

Officials from the CERN particle physics laboratory in Geneva announced last night that it will be 2011 before the world's most powerful atom-smasher reaches its full capacity.

While the £4 billion "big bang machine" should eventually be capable of running at an energy of 7 teraelectronvolts (TeV), it will operate initially at just 3.5 TeV when it starts smashing protons together in mid-November. The first science results are expected a few weeks later.

[Read more](#)

[Newcomers Brown Bag Lunch](#)

[Need help giving a speech? Fermilab Toastmasters Club is the solution](#)

[International folk dancing resumes today](#)

[Yoga Class - Aug. 11 through Sept. 29](#)

[Muscle Toning Class - today through Sept. 28](#)

[Office 2007 New Features class offered in September](#)

[URA Visiting Scholars Program now accepting applications](#)

[Services account password needed for Fermilab Time & Labor reporting](#)

[Bristol Renaissance Faire discount tickets](#)

[Six Flags Great America discount tickets](#)

[Pool memberships available in the Recreation Department](#)

[Raging Waves Waterpark online discount ticket program](#)

[Osteoarthritis \(degenerative arthritis\) seminar](#)

[Accelerated C++ Short Course begins Aug. 6](#)

[Health after 50 seminar](#)

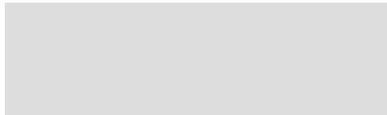
[The University of Chicago Tuition Remission Program August 17 deadline](#)

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

[Process piping \(ASME B31.3\) class offered in October and November](#)

[Additional Activities](#)

[Submit an announcement](#)



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