

## Calendar

### Monday, October 16

**2:30 p.m.** Particle Astrophysics Seminar

- Curia II

Speaker: M. Boylan-Kolchin, University of California, Berkeley

Title: The Assembly of Massive Galaxies and their Central Black Holes

**3:30 p.m.** DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

**4:00 p.m.** All Experimenters' Meeting -

Curia II

Special Topic: Tevatron Operations

Since the Shutdown

### Tuesday, October 17

**11:00 a.m.** Computing Techniques

Seminar - FCC 1

Speaker: D. Schissel, General Atomics

Title: Collaborative Technologies for Distributed Science: Fusion Science and High-Energy Physics

**11:00 a.m.** Academic Lecture Series -

(NOTE LOCATION) Curia II

Speaker: K. Ellis, Fermilab

Title: Course 1 - Introduction to QCD at Colliders: Parton Branching and Proton Structure

**3:30 p.m.** Director's Coffee Break - 2nd floor crossover

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

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

## Weather

## Profiles

### Full-time officer and student greets employees every day



Security officer Ashley Cheeks works at Fermilab 40 hours each week, and is also a full-time criminal justice student. (Click on image for larger version.)

At Fermilab, people don't train just to be physicists. Security officer Ashley Cheeks will use her experience here for her law enforcement career. After completing the Criminal Justice program at Aurora University, she would like to join a police department. "I'll be able to contribute more after my experience here. Fermilab has given me a lot of strength," said Cheeks. In addition to working full-time as a Fermilab security officer, her school load translates to about 30 hours a week.

For Cheeks, working Fermilab security is more satisfying than other security positions she's held. "This is more of a career," she said. "There is more education and experience among the officers, we have war veterans and graduated Criminal Justice majors. There is more pride and enjoyment in the job."

## Safety Tip of the Week

### Beware the everyday injury



Given all the technology at Fermilab, you might expect that exotic hazards are the primary cause of injuries at the lab. In contrast to this, our new Site Occupational Medical Director, Dr. Brian Svazas, recently commented that the injuries he has seen at the Lab tend to be just like those encountered in every other workplace or even at home. Over the past twenty years, we have had a little over 3,000 occupational injuries. About a third of these involved some part of the hand and another third involved some sort of sprain or strain. Of the hand injuries, about 40 percent were lacerations and 10 percent were contusions (and, yes, finger lacerations were the most common type of injury). Forty percent of the time sprains and strains involved the back and 10 percent of the time for each it was the shoulder, knee or ankle.

To avoid injury at work, you need to give

Occasional Rain **59°/49°**[Extended Forecast](#)[Weather at Fermilab](#)**Current Security Status****Secon Level 3****Wilson Hall Cafe****Monday, October 16**

- Minestrone
- Chicken & Mushroom Cheese Steak
- Baked Chicken Enchiladas
- Pot Roast
- Garden Turkey
- Assorted Slice Pizza
- Szechwan Green Bean with Chicken

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

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, October 18**

- Northern Italian Lasagna
- Romaine & Endive Salad w/Olives & Lemon Vinaigrette
- Poached Pears in Red Wine

**Thursday, October 19****Dinner**

- Curried Pumpkin Soup -Grilled Duck Breast w/Fig Sauce -Wild Rice w/Pecans
- Brussels Sprouts w/Lemon & Bacon - Apple Walnut Strudel

[Chez Leon Menu](#)

Call x4598 to make your reservation.

**Search**

At times the job feels difficult.

"Sometimes we don't receive the respect we think we deserve," said Cheeks.

"People come through in their cars and act as if they don't see us, even though we're here in bright green vests. We're not out to harm or scrutinize anyone, our job is to protect. We're here for you.

That's a job that is equally important to anyone else's here."

Her routine includes responding to calls, alarms, medical emergencies and checking Fermilab's buildings and grounds. Officers also raise and lower the flags at Wilson Hall and Pioneer Cemetery every day. Though science is not her field, she finds the physics at the lab fascinating. "Being here I've learned more about physics than in any of the science courses I've taken," said Cheeks. "It's deeper than I thought. There is more math and history involved. I passed by an office one night and could see the chalkboard covered with cones and arrows and equations. I was blown away."

--D.A. Venton

**Trivia question: Which flags fly in front of Wilson Hall?**

the same level of attention to preventing everyday injuries that you give to getting your job done right and dealing with our high-tech hazards such as radiation or ODH. For the most part, people who suffer workplace injuries already have a good understanding of what they could have done to keep from getting hurt: think through the steps, take the appropriate precautions, remain attentive and watch out for the other guy.

[Safety Tip of the Week Archive](#)**Accelerator Update****October 11 - 13**

- The Tevatron shutdown to replace a D3 magnet continues
- The I- Source has a cesium problem
- NuMI magnet LCW leak repaired
- NuMI power supply (HV101A) fails
- Safety System testing.

[Read the Current Accelerator Update](#)[Read the Early Bird Report](#)[View the Tevatron Luminosity Charts](#)**Photo of the Day**

**Rainbow in the west:** PPD's Leticia Shaddix took this picture from the 8th floor of Wilson Hall, facing west. "I believe it was the beginning of October when we had some rough thunder and lightning," she wrote. "Once it cleared up, a beautiful rainbow stretched across Fermilab property."

**Announcements**

**Search the Fermilab Today Archive****Info**

Fermilab Today is online at: <http://www.fnal.gov/today/>

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

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Security officers raise and lower flags in front of Wilson Hall every day. You may see the flags often, but do you know all twenty? We didn't, so we asked Security Chief Bill Flaherty to give us the scoop. The flags are: Argentina, Brazil, Canada, Columbia, France, Germany, Greece, India, Israel, Italy, Japan, Mexico, Netherlands, P.R. of China, Poland, Russian Republic, South Korea, Spain, Switzerland, and the United Kingdom. They are flown in alphabetical order.

**In the News****Physics Web, October, 2006:  
How the US sees the LHC**

*Particle physicists in the US are excited about their involvement in the Large Hadron Collider, but Nigel Lockyer says they must ensure their future after 2010 once all the major US high-energy-physics accelerator programmes have ended*

US particle physicists, along with their funding agencies, are anxiously anticipating what is in store for the 14 TeV Large Hadron Collider (LHC). Discovery expectations are extremely high – in particular the prospect of finding the Higgs boson or evidence for supersymmetry. The LHC was an opportunity that opened up in Europe after a similar US programme – centred on the 40 TeV Superconducting Super Collider (SSC) – was cancelled by the US Congress in 1993 after about \$2bn had already been spent building the \$8.25bn machine. That decision, while devastating, was mitigated by the ability of US physicists to go to CERN, help build the LHC and harvest the physics discoveries.

[Read More](#)

**Fall and winter sports leagues**

New leagues are forming for the fall and winter. If you would like to sign up, contact the following people:

Basketball League - Brian Niesman, [Niesman@fnal.gov](mailto:Niesman@fnal.gov)

Singles Tennis League - John Yoh, [johny@fnal.gov](mailto:johny@fnal.gov)

Soccer League - Sebastian Grinstein, [gris@fnal.gov](mailto:gris@fnal.gov)

Volleyball League - Sergey Los, [los@fnal.gov](mailto:los@fnal.gov)

Find more information at Recreation's [clubs](#) and [leagues](#) pages.

**NALWO Fall Luncheon**

There will be a NALWO fall luncheon Monday, October 23, from 11:30 a.m. to 1:30 p.m. at Chez Leon in the Users' Center. Join lab women (guests, visitors, users, and employees) and help plan interesting activities for the coming season. Please bring a dish to share: casserole, salad, side dish, dessert, or whatever you choose. For additional information, contact the Housing Office at 630/840-3777 or [housing@fnal.gov](mailto:housing@fnal.gov); or call Rose Moore at 630/208-9309.

**Village Power Outage**

Maintenance has scheduled a Village power outage for Saturday, October 21, from 6:00 a.m. to about 4:00 p.m. The outage will affect all Village labs and housing. Please plan accordingly.

**[Upcoming Activities](#)**

