

Calendar

Monday, October 30

2:30 p.m. Particle Astrophysics Seminar

- Curia II

Speaker: A. Razoumov, St. Mary's University

Title: From Small to Large Scales at High Redshifts: Escape of Ionizing Photons and Absorption Properties of Young Galaxies

3:00 p.m. Special Wine and Cheese Seminar - 1 West

Title: First Observation of WZ Production

Speaker: E. Lipeles UCSD

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II

Special Topic: Accelerator Controls Migration

Tuesday, October 31

11:00 a.m. Academic Lecture Series - 1 West

Speaker: W. Giele, Fermilab

Title: Course 2 - Modern Approach to Monte Carlo Programs: Part 1

2:00 p.m. Research Techniques Seminar - 1 West

Speaker: P. Gorodetzky, College de France, Paris

Title: Precise Absolute Calibration of a PMT in a Single Photoelectron Mode

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.

Last day to take the pledge: Save money, save resources



Did you know that switching to energy-efficient bulbs in your house can save \$30 for each bulb you replace?

The Department of Energy is encouraging people to take the "Change a Light, Change the World Pledge." The DOE Office of Science goal is to get 2744 employees at its facilities (including Fermilab) to pledge to install an Energy Star bulb at home. So far the Office of Science has accumulated 2140 pledges. This is the last day of the drive, but if 50 people per lab pledge today, the Office of Science can meet its goal. "I've done the pledge through the web site, and it's simple," said Tony Bindokas of DOE's Chicago Office.

Beyond helping Fermilab and the Office of Science reach its goal, there are plenty of selfish reasons to take the pledge. "I especially like these bulbs for my exterior lighting, which sometimes is on for several hours," said Fermi Site Office Physical Scientist Sally Arnold.

Safety Tip of the Week

Strain and pain



"I'll probably pay for this in the morning."

The safety tip a couple weeks ago noted that one-third of Fermilab's occupational injuries resulted in strain or pain to some part of the body. Over the past 20 years, we have had 666 recordable injuries of this type. Most resulted from overexertion (63 percent) or slips (26 percent). Four parts of the body accounted for nearly three-fourths of the cases: the spine (48 percent), shoulder (11percent), ankle (9 percent) and knee (6 percent). Overexertion was the primary cause for injuries occurring from the waist up, and slips were the primary cause for injuries in the lower part of the body.

Manual material handling and simply moving from place to place are the major causes of strain injuries. Material handling includes moving or handling things by lifting, lowering, pushing, pulling, carrying or holding. This is the most common cause of occupational fatigue and back injuries. Slips are

Weather

 High Cloudiness **69°/41°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe**Monday, October 30**

- Potato Au Gratin
- Monte Cristo
- Savory Roasted Chicken Quarters
- Lasagna Bolognaise
- Chicken Ranch Wrapper
- Assorted Slice Pizza
- Szechwan Style Pork Lo Mein

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

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, November 1****Lunch**

- Chicken Marbella
- Saffron Rice with Vegetables
- Chocolate Cheesecake with Strawberry Coulis

Thursday, November 2**Dinner**

- Steamed Mussels w/White Wine, Garlic & Thyme
- Spicy Spare Ribs
- Sautéed Greens
- Spaghetti Squash
- Lemon Napoleons

[Chez Leon Menu](#)

"They use a third of the energy of a standard incandescent light and last up to 10 times longer."

You can take the pledge on the [DOE website](#). Click on the link for "Science" and then select "Fermilab" in the dropdown list.

--Siri Steiner

Readers Write**U Can Run Too!**

On October 20, we published a [story](#) about a group of employees who planned to run in the Chicago marathon. Eugene "JJ" Schmidt wrote with results.



Image credit: Chicago Producers

Dear FT:

The "U Can Run Too!" team finished 5th overall in the [Shield Coed Division](#) of the marathon.

In case you are interested, here are some other accomplishments:

- All 21 runners finished the race.
- 12 people set personal records.
- 2 people started and finished their first marathon.
- 8 people ran a time that qualified them for Boston Marathon.
- 6 people completed his or her second marathon of 2006.
- 1 person completed his 3rd marathon of 2006.
- 1 person completed her 4th marathon of 2006.

primarily caused by wearing the wrong footwear on a slippery surface. To avoid these kinds of injuries, think and have a plan that avoids slippery surfaces and includes a destination.

- Know your limits and stay within them.
- Learn and practice exercises that improve strength and flexibility.
- Avoid awkward positions.
- Use appropriate handling and safety equipment.
- Get a good grip and good footing.
- Use smooth motions rather than sudden efforts.

[Safety Tip of the Week Archive](#)**Accelerator Update****October 25 - 27**

- ComEd glitch trips off Booster
- Preaccelerator switches to I-Source
- Store 5028 aborted due to safety system trip
- A PLC problem halts stashing

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Photo of the Day

Remembering summer: PPD's Leticia Shaddix sent this picture of her booty from a summer garden at Fermilab. "My husband Wayne Shaddix, along with Jose De Lao and John Chyllo had a garden plot at Fermilab this past summer," she writes. "These are some tomatoes and peppers we were able to enjoy from that garden."

Announcements

Call x4598 to make your reservation.

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I was very impressed by this crew!

--JJ

In the News

KEK Press Release, October 26, 2006: World's First Single Crystal Positron Source is Successfully Operated at the KEK B-Factory

Positrons are anti-particles of electrons. At KEK "B-Factory" (KEKB), they are produced copiously, and smashed into electrons at the world record luminosity, the rate of electron and positron collisions. By studying the hundreds of different decay patterns of B mesons and anti B mesons in these collisions, physicists look into the secrets of matter and antimatter imbalance and traces of other exotic particles. To improve the collision rate, developing a powerful positron source is one of the key element in this experiment.

[Read More](#)

Give an old coat to someone who needs it

Jeannette Olah of Roads and Grounds is collecting winter coats to deliver to a local non-profit homeless shelter. She needs gently used coats for adults and children. If you have an old coat that you are willing to part with, please drop it by Jeannette Olah's office at Site 37, Roads and Grounds before November 9. You can reach her at 404-0699 if you have any questions or would like her to pick your coat up for you.

Professional Development

New classes are always being added to the professional development schedule. For the most up-to-date course offerings, go to [the web page](#).

[Upcoming Activities](#)