

Calendar

Monday, June 5

2:30 p.m. Particle Astrophysics Seminar
- Curia II

Speaker: K. Kohri, Harvard University
Title: Cosmological Lithium Problem and
Long-Lived Massive Particles

3:00 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-over

Curia II

4:00 p.m. All Experimenters' Meeting -
Curia II Special Topics: Water Quality
Task Force; 1 West Upgrade

Tuesday, June 6

11:00 a.m. Research Techniques
Seminar - One North

Speaker: H. Moser, Max-Planck-Institute,
Munich

Title: The DEPFET Active Pixel Sensor
as Vertex Detector
for the ILC

12:00 p.m. Summer Lecture Series -
Curia II Speaker: P. Oddone, Fermilab
Title: Overview of Fermilab

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

THERE WILL BE NO ACCELERATOR
PHYSICS AND TECHNOLOGY
SEMINAR TODAY

For links to events, click [here](#).

Weather



Sunny 81°/59°

[Extended Forecast](#)

[Weather at Fermilab](#)

Fermilab wins three environmental awards



Left to right: Dave Carlson, Head of Business Services; Pier Oddone, Lab Director; Joanna Livengood, Manager of the DOE Fermi Site Office; and Jack Kelly, Fermilab's Inventory Control Manager. (Click on image for larger version.)

After diverting over 200,000 pounds of electronic material from landfill disposal last year and finding recycling and reuse options for the materials, Fermilab received the DOE Office of Science Best in Class Pollution Prevention Award for 2005, a 2005 DOE Pollution Prevention Star Award, and won the 2005 Federal Electronics Recycling and Reuse Challenge. The awards were presented May 1 in Washington, D.C. "As a high-volume electronics consumer, Fermilab is in a position to make a difference," said Joanna Livengood, Manager of the DOE Fermi Site Office. "It's good to see that the hard work is paying off." You can read the full story behind the [P2 Star Award](#) and Fermilab's [Best in Class Award](#) in past issues of *Fermilab Today*.

New intern at *Fermilab Today*

Safety Tip of the Week

Got heat?



Though June has only just begun, we've already seen several days over 90 degrees this year. Uncomfortable? You bet. But keep in mind that extreme heat can be dangerous as well. It's a good idea to review the warning signs and proper treatments for heat exhaustion and heat stroke. To recognize heat exhaustion, look for cold moist skin, headache, nausea, dizziness and cramps. Heat exhaustion victims should drink plenty of water and seek medical attention. Onsite during normal work hours, victims should report to the Medical Department. Off hours, they should go to the Fire Department. To identify heat stroke, look for hot flushed dry skin, unconsciousness, convulsions and vomiting. This condition is a medical emergency. If heat stroke happens onsite, call 3131 and cool the victim as quickly and effectively as possible. Immersion or sprinkling with cool water are standard first aid.

Here are some general precautions to help you avoid heat stress in the first place.

- Drink plenty of water.

Current Security Status[Secou Level 3](#)**Wilson Hall Cafe****Monday, June 5**

- Potatoes Au Gratin
- Monte Cristo
- Savory Roasted Chicken Quarters
- Lasagna Bolognese
- Chicken Ranch Wrapper
- Assorted Pizza Slices
- Szechuan Style Pork Lo Mein

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

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, June 7****Lunch**

- Poached salmon w/watercress sauce
- Spring Vegetable Medley
- Chocolate Kahlua Flan

Thursday, June 8**Dinner**

- Nectarine Procuitto and Arugula Bundles
- Veal Saltimbocca
- Sautéed Spinach with Garlic
- Bowtie Pasta w/Pine Nuts and Parmesan
- Peach Melba

[Chez Leon Menu](#)

Call x4598 to make your reservation.

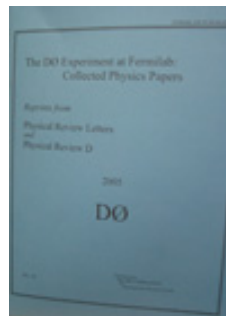
Search**Search the Fermilab Today Archive****Info**

Columbia University student Ben Berger has just arrived at Fermilab, and he'll be interning in the Office of Public Affairs until August 18. Berger, a history and physics double-major, will write *Fermilab Today* articles along with current intern Jennifer Lauren Lee. "I'm really looking forward to learning more about physics while I'm here," he said. You can reach Ben with physics advice, tidbits and story ideas at bberger@fnal.gov, ext. 8012.

DZero releases 10th issue of Collected Physics Papers

Want to know what physics results DZero has published over the last year? Check out the latest issue of *The D0 Experiment at Fermilab: Collected Physics Papers*.

The new 2005 volume marks the 10th annual collection of DZero papers. "The very first issue included the observation of the top quark paper in 1995 [among other papers]," said Boaz Klima of DZero. "We made 1,000 copies, and they basically evaporated upon release." The latest collection includes papers on QCD, Heavy Flavor, Electroweak, Top, Higgs and New Phenomena Physics. If you would like a copy, stop by the library on the third floor of Wilson Hall.

**In the News**

- Wear light, loose-fitting, breathable clothing.
- Take frequent short breaks in air-conditioning or cool shade.
- Eat smaller meals before outdoor activity.
- Avoid caffeine, alcohol and large amounts of sugar.
- Be aware that some health conditions and/or medications can increase your susceptibility to heat stress.
- Be aware that some kinds of protective equipment such as respirators or work suits can increase heat stress.

[Safety Tip of the Week Archive](#)**Le Vent du Nord, June 10**

Le Vent du Nord is Bnoit Bourque, Nicolas Boulerice, Oliver Demers and Simon Beaudry.

Le Vent du Nord is a group of four musicians who alternately use diatonic accordion, bones, mandolin, jaw harp, step dance, hurdy gurdy, piano, piano-accoridan, bodhran, guitar and vocals to play Quebecois folk songs. Du Nord's performances have scored rave reviews, and their albums have won international awards, such as the 2004 JUNO Award for Roots and Traditional Album of the Year.

You can see Le Vent du Nord Saturday, June 10 at 8 p.m. in the Ramsey Auditorium. Tickets and more information

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

Send comments and suggestions to today@fnal.gov

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[Fermilab Safety Tip of the Week archive](#)

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Science, June, 2006: Aging Atom Smasher Runs All Out in Race for Most Coveted Particle

After years of frustration, Fermilab's Tevatron collider is running well. Researchers say they have a shot at spotting the Higgs boson--if there's time

In autumn 2004, Boston's beloved baseball team, the Red Sox, spotted the archrival New York Yankees a three-games-to-none lead in the best-of-seven American League Championship Series. The plucky Sox then whipped the Yankees in four straight and went on to win the World Series for the first time in 86 years. Now, physicists at Fermi National Accelerator Laboratory (Fermilab) in Batavia, Illinois, hope to pull off a similarly dramatic comeback and bag particle physics' biggest prize, the long-sought Higgs boson.

[Read More](#)

In the News

BNL Press Release, June 1, 2006: Nobel Laureate Raymond Davis Dies

UPTON, NY -- Raymond Davis Jr., Nobel Laureate and retired chemist at the U.S. Department of Energy's Brookhaven National Laboratory, passed away at his home in Blue Point, New York, on May 31, 2006, at the age of 91. He died of complications from Alzheimer's disease.

Davis won the 2002 Nobel Prize in Physics for detecting solar neutrinos, ghostlike particles produced in the nuclear reactions that power the sun. He shared the prize with Masatoshi Koshiba of Japan, and Riccardo Giacconi of the U. S.

and can be found [here](#).

Accelerator Update

June 1 - 2

- Startup
- NuMI issued beam permit
- Beam to NuMI target
- Beam in TeV
- Beam to Pbar target
- Switchyard safety system test completed
- Machine Reports

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Fermilab Folk Club Barn Dance Sunday

Fermilab Folk Club Barn Dance Sunday, June 11 at 6:30 p.m. with music by Joe, Sam, and Jerry and calling by Paul Watkins. More info on [the website](#).

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](#).

Window Washing

The exterior of the Wilson Hall windows will be washed this week, starting today. Next week, interior windows will be washed. Reminders for next week's washings, including floor numbers will appear in *Fermilab Today*.

[Upcoming Activities](#)

[Read More](#)