

Calendar

Monday, Dec. 3
2:30 p.m.

[Particle Astrophysics Seminar](#)

- Curia II

Speaker: I. Stairs, University of British Columbia

Title: Relativistic Binary Pulsars

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting - Curia II

Special Topic: CMS's CSA07 Data Challenge

Tuesday, Dec. 4

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.

Weather

 **Partly sunny 29°/23°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Monday, December 3

- Not available

[Wilson Hall Cafe Menu](#)

Chez Leon

Feature

SC07 spiral chronicles computing history



Fermilab exhibited the giant, blue spiral at SC07. The spiral documents the laboratory's computing history from 1968 to the present.

The giant, blue spiral object positioned at the front of the Wilson Hall Atrium is more than a curiosity. It chronicles the history of computing at Fermilab from 1968 to the present.

The spiral is from SC07 exhibit in Reno, Nevada. It displays information chronologically, beginning on the outer edge and spiraling upward and inward.

"We were looking for a design that would allow us to express all the historical information visually," said CD's Lisa Giacchetti.

Included on the spiral are color-coded timelines containing information on the progression of computing and technology, networking, data and storage, facilities and the experimental program. It also contains other historical Fermilab information, such as the number of PhDs at the laboratory and names of former directors.

VMS's Reidar Hahn conceived the design idea, with CD's Lisa Giacchetti, John Urish and Dave Ritchie and VMS's Fred Ullrich and Diana Canzone to plan the SC07 exhibit. It was inspired by the MINOS exhibit building.

The team worked to create a design with multiple domains of information on large scale. CD team members met with other members of division for a day-long workshop to develop the content domains. Ritchie gathered exhibit

Safety Tip of the Week

Pedestrian safety at night



Safety Tip columnist Tim Miller dresses in black with reflective vest illuminated by a passing car.

This is the time of year when there is more darkness than light. In fact, a lot of us drive to and from work in the dark. If it seems that this would make it easier to run into things, you're correct. The fatality rate for pedestrians is three times higher at night than during the day. Even small differences in light associated with phases of the moon can change the fatality rate by 22 percent ([UMTRI](#)). So what can we do to help prevent vehicle-pedestrian collisions when it's dark outside?

Drivers and pedestrians should select routes that keep them as physically separated as possible and are well lit. Pedestrians should choose roads with sidewalks or large shoulders. Drivers should optimize their view by making the best use of their lights, keeping their windows clean and scanning for things that seem to be moving. Proceed at a reasonable speed and avoid distractions inside the vehicle. Be especially careful near intersections, roadside parking and frequently-used building entrances.

Pedestrians should make themselves as visible as possible. Dark clothing can make pedestrians practically invisible to drivers. Pedestrians should wear brightly colored and reflective clothing. They can also wear specially designed lights that blink to alert others to their presence. Reflective markings are best on limbs because the viewer can more easily identify "biological motion." ([Owens, et al](#)).

Wednesday, Dec. 5

Lunch

- Seafood cannelloni
- Caesar salad
- Chocolate espresso parfait

Thursday, Dec. 6

Dinner

- Pasta carbonnada
- Veal saltimbocca
- Sautéed spinach and pine nuts w/lemon zest
- Hazelnut & pear soufflé

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

Info

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

Send comments and suggestions to: today@fnal.gov

information from current and former CD members and from the VMS archives, and graphic designer Diana Canzone created the spiral design.

"People like to interact with a lot of data," said Ullrich. "They form their own comparisons and assumptions and learn something from their own interactions."

The spiral, which measures approximately 13 feet high and 44 feet long when unrolled, is made of printed fabric, stretched over a covered aluminum frame.

The Computing Division hopes to turn the collected data into a display showcase in Feynman Computing Center.

-- Rhianna Wisniewski



The spiral is pictured as part of Fermilab's exhibit at SC07.

In the News

Hearing on barriers to women's advancement in academic positions

From *AIP FYI*, Nov. 30, 2007

"It's not just good for science, it's good for America, it's good for our economy and our well-being. That's the point that needs to be infused throughout."

- Kathie Olsen, Deputy Director, National Science Foundation

Implicit bias, rather than explicit prejudice, is a major barrier to women's advancement in senior faculty positions at the nation's universities. American science and technology will not reach its full potential unless active efforts are made to address bias and other

[Safety Tip of the Week Archive](#)

Accelerator Update

Nov. 28 - 30

- Two stores provided 16 hours and 15 minutes of luminosity
- Vacuum leak successfully repaired in F11
- Controls experts resolve clock problems
- Pbar set new stacking record with a rate of 23.87 mA per hour
- DZero and CDF made 2 - 4 hour access Nov. 30

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Have a safe day!

Ticket sales in the Recreation Office

Blackhawks @ the United Center -- Jan. 11, 16 and 24. Save up to 50 percent.

Harlem Globetrotters at the Allstate Arena and Vlaparaiso Athletics Center – Jan. 11, 12 and 13. Save \$7 per ticket.

Chicago Bulls at the United Center, Dec. 14. Half price on the \$60 tickets.

All tickets are ordered direct. More information and registration forms can be found in the Recreation Office or [online](#).

AMC movie tickets make great gifts and stocking stuffers. Tickets are \$6.50 each (some restrictions) and have no expiration date. Tickets available in the Recreation Office.

Holiday Book Fair Dec. 4-5

The Recreation Office sponsored Holiday Book Fair, hosted by Imagine Nation Books, LTD, will be in the Atrium on Tuesday, Dec. 4, from 10 a.m. until 6 p.m. and Wednesday, Dec. 5, from 7 a.m. until 3 p.m. A selection of hard cover books will be offered at 70 percent off retail prices. The fair features more than 200 titles and includes cookbooks, bestsellers, general information, inspirational and children's books. They also offer photo albums, cards and gift items. Cash, personal check, and major credit cards are accepted. A portion of the proceeds subsidizes some of our recreation programs. The Recreation Office thanks you for your participation.

Education Office holiday sale Dec. 4-6

The Education Office will host its annual holiday sale Dec. 4-6, from 11 a.m. to 1:30 p.m., outside One West in Wilson Hall.

Employee art show this spring

problems, witnesses concluded at a hearing of the House Subcommittee on Research and Science Education.

[Read more](#)

In the News

Dark matter stars may have lit the early universe

From *ars technica*, Nov. 30, 2007

New work from a team of physicists sheds light—bad pun intended—on the formation of the first stars in the universe. The unexpected twist? Dark matter could have played a major role in the formation of these "dark stars." Where conventional stars rely on fusion of light elements into heavier ones to counteract the astronomical gravitational forces acting on such a massive body, dark stars are held up by the annihilation reaction that occurs when dark matter comes into contact with antimatter.

[Read more](#)

Another inspiring art exhibition by Fermilab employees and immediate family members will take place this spring. "Hidden Talents: Fermilab Employee Art Show" will be on display, March 19 - May 14, 2008. More information will follow.

[Additional Activities](#)