

Calendar

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

Wednesday, Dec. 5

THERE WILL BE NO
 FERMILAB ILC R&D
 MEETING THIS WEEK

3:30 p.m.

DIRECTOR'S COFFEE
 BREAK - 2nd Flr X-Over
4 p.m.

[Fermilab Colloquium](#) - One
 West

Speaker: C. Quigg, Fermilab
 Title: Mass

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

Weather



Snow 34°/22°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Tuesday, Dec. 4

- Tomato bisque
- Lemon pepper club
- Beef w/peppers
- Smart cuisine: Tortellini alfredo
- Grilled chicken Caesar wrap
- Assorted slice pizza
- Rio Grande taco salads

**Carb Restricted Alternative*

[Wilson Hall Cafe Menu](#)

Chez Leon

Feature

Mexican Physical Society awards Appel for outreach



Jeff Appel, Fermilab's assistant director for Program Planning, poses with the DPyC Medal, presented by the Division of Particles and Fields of the Mexican Physical Society earlier last month.

Research in particle physics is a global quest, pulling scientists and resources from nearly every continent. Before the 1990s, Fermilab's southern neighbors played a role in high-energy particle physics theory, but participation in large experiments was limited. Embracing the philosophy of the more minds the better, Fermilab's then-Director, Leon Lederman and a handful of staff, including Jeff Appel, reached out to Mexico and other Latin American countries.

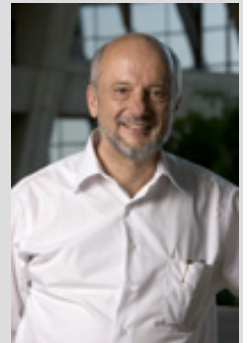
One result has been a boom in Mexican experimental research and researchers. Now, Mexico is Fermilab's ninth most prolific partnering country in terms of collaboration results.

As a thank you, the Division of Particles and Fields of the Mexican Physical Society awarded the DPyC Medal last month to Appel, currently Fermilab's assistant director for Program Planning. The award recognizes a

Director's Corner

The beauty of zero

When in the past we have discussed recordable injuries (TRC rate) and injuries leading to days away and restricted (DART rate) it has always been uncomfortable to set the bar at any number other than zero. We measure good performance in health and safety by comparing our rate of injuries to some low rate that corresponds to the best industrial standards. We may tend to feel that we have met the goal when we achieve this rate, but the real goal is zero injuries - everyone coming to work and returning home safely to their families every day. So we should never be satisfied with any number other than, of course, zero.



Pier Oddone

Zero recordable injuries and hence zero days away and restricted for the last sixty days is what you have achieved. CONGRATULATIONS! Every one of you shares this achievement. During this period, at previous years' rates, we would have seen five recordable injuries and a couple of injuries requiring days away from work. We could attribute this change to the statistical fluctuations associated with small numbers. I would like to believe otherwise. Starting with the recommendation of the injury prevention panel and following with several measures to attack the main cause of injuries, namely lapses of attention, I believe we are making real progress in safety awareness. You should feel proud, as I do, to have achieved a rate of zero recordable injuries for the last two months. We must all continue this great effort to keep safety present in our minds on every single task we do. Zero is a beautiful number.

Accelerator Update

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

dedication to outreach with Mexico.

Appel, as co-spokesman of Experiment 791 in 1991, approached Gerardo Herrera-Corral, of CINVESTAV, a research institute in Mexico City, and Arturo Fernandez, of Puebla University, about becoming collaborators in the fixed-target experiment.

"This stage of development of high energy physics in Mexico was very important. It gave Mexico a chance to learn how to create collaborations of people around a specific experiment." Herrera-Corral said.

-- Tona Kunz

[Read more](#)

Advisory**Paging network to migrate this week**

On Wednesday, Dec. 5, the laboratory's onsite paging network will begin transitioning to a narrowband standard as prescribed by the DOE. The migration will be completed on Dec. 6. All employees who purchased the newer Motorola Minitor V pager need to bring their pagers to a designated [location](#) for a brief reconfiguration. Pagers that are not reprogrammed will not function reliably following completion of the migration. Older laboratory pager models are considered noncompliant and must be turned in to Telecommunications, WH-5W. Questions or concerns may be directed to x5411 or telecom@fnal.gov.

In the News**Splitting the quark**

From *nature.com*,
Nov. 30, 2007

If quarks are made of preons, then stars made of the stuff should be detectable.

Are there pea-sized objects as heavy as the Moon out there in space? Perhaps so, if quarks, the constituent particles of atoms, are themselves made up of still smaller particles.

Fredrik Sandin and Johan Hansson of Luleå University of Technology in Sweden say that these hypothetical particles, called preons, might exist in super-dense chunks left over from the beginning of the Universe. Their work predicts that these heavy objects should be

Nov. 30 - Dec. 3

- Three stores provided 31 hours and 45 minutes of luminosity
- MI conducts aperture scans and slipstacking studies
- Pbar sets stacking record with 24.30 mA for an hour
- Vacuum leak fixed in TeV sector D17
- TeV collimator skew corrected
- New Recycler damper system implemented

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements**Dec. 14 deadline for The University of Chicago Tuition Remission Program**

The deadline for applying for the tuition remission program at The University of Chicago for the Winter 2008 quarter is Dec. 14. [More information and enrollment forms.](#)

Contact Nicole Gee at x3697 with any questions.

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

detectable with current astronomical techniques¹. This helps to turn a highly speculative hypothesis into a testable idea.

[Read More](#)

holiday sale Dec. 4-6, from 11 a.m. to 1:30 p.m., outside One West in Wilson Hall.

Blood Drive Dec. 18, 19

Mark your calendars. Heartland Blood Centers will be here for the Fermilab Blood Drive on Dec. 18 and 19, from 8 a.m to 2 p.m. in the Wilson Hall Ground Floor NE Training Room. Appointments can be scheduled on the [Web](#) or by calling Diana at x3771 or Margie at x5680. More information can be found [here](#).

[Additional Activities](#)