

Calendar

[Have a safe day!](#)

Tuesday, March 2
3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
THERE WILL BE NO
ACCELERATOR PHYSICS
AND TECHNOLOGY
SEMINAR TODAY

Wednesday, March 3
3:30 p.m.

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

[Fermilab Colloquium](#) - One
West

Speaker: Zlatko Tesanovic,
Johns Hopkins University
Title: Superconductivity at
Dawn of the Iron Age

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

[Upcoming conferences](#)

Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

For information about H1N1,
visit Fermilab's flu information
[site](#).

Weather



Partly sunny
35°/23°

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

Milestone

Top quark turns 15 today



Above: Former Fermilab director John Peoples talks to the press on March 2, 1995, the day that the laboratory announced the discovery of the top quark by CDF and DZero experiments. Today marks the 15 year anniversary of that discovery.



Left: Fermilab scientist Alvin Tollestrup dons a top hat in honor of the top quark discovery.

Special Announcement

Tornado drill at 10 a.m. today for Wilson Hall

A tornado drill will take place at 10 a.m. today for Wilson Hall. All employees, other than those involved in the MicroBooNE review, must evacuate to the lower level of Wilson Hall when the alarm sounds.

March 1-5 is Illinois Tornado Awareness Week. Learn more about on-site severe weather safety precautions [here](#).

Feature

Director's Corner

ICFA and ILCSC



Leaders of the worldwide particle physics community met at Brookhaven National Laboratory last week for meetings of the International Linear Collider Steering Committee and the International Committee for Future Accelerators.

Last week at Brookhaven National Laboratory we had back-to-back meetings of the International Linear Collider Steering Committee, the ILCSC, and the International Committee for Future Accelerators, or ICFA. These periodic meetings bring together the directors of the principal laboratories devoted to particle physics across the world.

The ILCSC reviewed the status of the R&D and design of the ILC and associated detectors. Plans still call for completion of the technical design report, or TDR, in 2012, a year that promises to be a milepost for particle physics at the energy frontier. It is the first year after the planned completion of the Tevatron data runs, the year when the LHC will have obtained one inverse femtobarn at 7 TeV before shutting down to complete repair of all magnet interconnections, and the year when the ILC TDR will be ready for review by funding agencies. By then, the LHC will have opened a significant discovery wedge that could give a big boost to the ILC. It is doubtful, however, that only one inverse femtobarn of LHC data at 7 TeV could be the basis for a decision on the next machine at the energy frontier. More likely, we will need more data at the full energy of the LHC to make such a decision, probably around mid-decade. Nonetheless, discoveries in the next couple of years will give a strong hint on whether the ILC is likely to be the next machine at the energy frontier.

ICFA generally concerns itself with global

Current Security Status

[Second Level 3](#)

Wilson Hall Cafe

Tuesday, March 2

- Breakfast: bagel sandwich
- Tomato bisque soup
- Lemon pepper club
- Beef fajitas
- Korean garlic chicken
- Grilled chicken Caesar salad
- Assorted sliced pizza

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, March 3

Lunch

- Roasted flank steak w/herb rub
- Smashed potatoes
- Baby carrots
- Lemon cheesecake

Thursday, March 4
Dinner

- Spinach & feta strudel
- Herb-crusted lamb rib chops
- Tomato risotto
- Grilled vegetables
- Lemon blueberry parfait

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[CMS Result of the Month](#)

[User University Profiles](#)

[ILC NewsLine](#)

Info

Improving traffic safety: no on-site cell phone use while driving, online safety training



In 2008, a driver distracted by a cell phone crashed into the safety barriers of the guard house at the Wilson Street gate.

In the last five years, Fermilab security responded on average to 48 accidents per year on the Fermilab site. While there were no fatalities, records show several near misses: a driver speeding and rolling the car; a driver running a stop sign and hitting another vehicle; a driver talking on a cell phone and crashing into a guard house.

"The biggest hazard for most of us who work at Fermilab is getting seriously hurt in a traffic accident," said Fermilab director Pier Oddone. "That's why I want to make traffic safety a top priority."

Beginning today, Fermilab is taking the following steps to improve traffic safety on site:

- Fermilab will no longer permit drivers to use cell phones, including hands-free devices, while driving on site.
- Repeated traffic violations will result in week-long suspensions without pay. Non-lab personnel can be banned from site.
- All employees and users are required to take the online training course titled [Traffic Safety Awareness](#), which now becomes part of the ITNA training requirements for employees and users.

The ban of cell phone use while driving on the Fermilab site goes beyond the restrictions put in place by the Illinois Rules of the Road on Jan. 1. Illinois now prohibits drivers from texting while driving. However, [studies](#) listed by the National Safety Council show that any use of cell phones, even hands-free devices, is the most [significant distraction](#) that affects driving performance.

projects like the ILC and, through a series of panels, on issues of general interest to the field. Such topics include the state of networking in the world, instrumentation and accelerator schools, data preservation, worldwide particle physics communication, and the connection of our field to other relevant fields such as lasers. At this meeting ICFA started a more general discussion on how to position our field globally for the rest of the decade. ICFA will explore how to articulate a physics roadmap that could be useful globally. Clearly ICFA is not a selection committee to choose individual projects. It will rely on regional plans in Europe, the Americas and Asia. It has the opportunity to provide a unified view of the exciting physics opportunities in the next decade and how they may be realized. A compelling global strategy is essential to maintaining the support for our field in the face of strong competition from many other fields.

Accelerator Update

Feb. 26 - March 1

- Five stores provided ~60.5 hours of luminosity
- Linac repaired LRF5
- Booster RF repaired
- H- Source needed tuning
- 750 KeV Line needed tuning

*The Integrated Luminosity for the period from 2/15/10 to 2/22/10 was 64.03 inverse picobarns. NuMI reported receiving $7.91E^{18}$ protons on target during this same period.

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Latest Announcements

[Argentine Tango through March 31, student discount](#)

[Barnstormers Delta Dart Night - March 10](#)

[On-site housing for summer 2010 - March 8 deadline](#)

[Employee discount offered at Batavia Rosati's](#)

[Harlem Globetrotters special ticket price - April 15](#)

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www.fnal.gov/today/

Send comments and suggestions to:
today@fnal.gov

Visit the Fermilab [home page](#)

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Fermilab will adopt a stricter standard than the state of Illinois, banning any cell phone use by drivers on site. For the first 30 days the new rule is in place at Fermilab, drivers will receive verbal warnings for cell phone use while driving. After this period, drivers will receive citations.

[Read more](#)

In the News

The federal stimulus package: 1 year later

From the *Geneva Sun*, Feb. 28, 2010

Millions pour into local schools, projects

Since the economic stimulus bill was passed a little more than a year ago, millions of dollars have poured into the Fox Valley to help the poor, buy technology for schools and resurface roads.

While it's not clear whether the bill created many local jobs, it does appear to have helped avoid massive layoffs, particularly in school districts crippled by late payments from the state.

For the most part, federal spending has moved through government agencies, which used the dollars to hire contractors and purchase equipment for projects. The money also backed loans for small businesses, helping some stay open.

[Read more](#)

In the News

Atom smasher restarts to prepare for new science

From *Associated Press*, Feb. 28, 2010

Operators of the world's largest atom smasher restarted their massive machine Sunday in a run up to experiments probing secrets of the universe, a spokeswoman said.

The European Organization for Nuclear Research, or CERN, sent low energy beams of protons in both directions around the 27-kilometer (17-mile) tunnel housing the Large Hadron Collider under the Swiss-French border at Geneva, said Christine Sutton.

After a cautious trial period, CERN plans to ramp up the energy of the beams to unprecedented levels and start record-setting

[Qi Gong, Mindfulness and Tai Chi Easy for Stress Reduction](#)

[International Folk Dancing, Thursday evenings at Kuhn Barn](#)

[Muscle Toning class begins today](#)

[Hiring summer students for 2010](#)

[Deadline for The University of Chicago Tuition Remission Program - March 5](#)

[English country dancing - March 7](#)

[New Bible discussion starting March 9](#)

[DreamWeaver CS3: Intro offered March 9 or March 16](#)

[Interpersonal Communication Skills offered March 16](#)

[Word 2007 Advanced class offered March 16](#)

[Facilitating Meetings That Work course offered March 17](#)

[Adaptive Leadership: Coaching for Individual Differences class offered March 9](#)

[Art Gallery Talk - Virginia Broersma - March 10](#)

[Excel Power User / Macros class offered Mar. 11](#)

[Influence and Motivation: The Empowering Leader course offered March 24](#)

[PowerPoint 2007 Advanced course offered March 25](#)

[Excel Programming with VBA class offered March 30 and April 1](#)

[FRA Scholarship 2010](#)

[Conflict Management and Negotiation Skills offered March 3 and 10](#)

[Adobe Acrobat Professional 9.0 Level](#)

collisions of protons by late March, Sutton said.

[1 class offered March 4](#)

[Read more](#)

[Introduction to Argentine Tango
Series of Classes - FREE](#)

[Submit an announcement](#)