Fermilab *Today*

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Furlough Information

New furlough information, including an up-to-date Q&A section, appears on the furlough Web pages daily.

Calendar

Monday, Mar. 3
2:30 p.m.
Particle Astrophysics Seminar
- Curia II Speaker: M. Crocce, Institut de Ciencies de l'Espai (ICE) Title: Unveiling Non-Linear Gravitational Clustering
3:30 p.m.
DIRECTOR'S COFFEE BREAK -- 2nd Flr X-Over
4:00 p.m.
All Experimenters' Meeting -- Curia II
Special Topic: CMS Installation and Commissioning

Tuesday, Mar. 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

Snow
35°/18°

Extended Forecast
Weather at Fermilab

Current Security Status

Secon Level 3

Wilson Hall Cafe

Feature

Fermilab firefighters aid surrounding communities

Fermilab firefighters Bryan Needham and Eric Poss test the jaws of life.

Fermilab firefighters helped battle a Batavia business fire in late February. Two months earlier, they had responded to a Batavia house fire and manned a Batavia fire station while local firefighters fought a blaze.

That amount of neighborly pitching in wasn't unusual.

Fermilab routinely helps surrounding towns through fire fighting, equipment sharing, providing training and manning fire stations emptied by emergency calls.

"We support them with additional equipment and personnel," said Fermilab Fire Chief Jack Steinhoff. "And they do the same for us."

The symbiotic relationship strengthens fire services for Fermilab and some of the area towns, including Batavia, Geneva, North Aurora, Warrenville, Wheaton, West Chicago and St. Charles.

In 2007, Fermilab firefighters responded to 161 emergency, aid or fire alarm calls in surrounding towns, up from 119 in 2006.

Helping other towns comes on top of responding to incidents at Fermilab, which included 225 calls last year.

Safety Tip of the Week

Disrupted routines

Light plays an important role in our lives. It regulates our sleep cycle and influences our moods. Light also plays an important role in our routines. Often, our bodies try to synchronize with external inputs, such as light and dark cycles. Sufferers of Seasonal Affective Disorder do not synchronize successfully with seasonal changes in the number of hours of bright daylight. Exposure to bright light, exercise and other factors can relieve this type of winter depression.
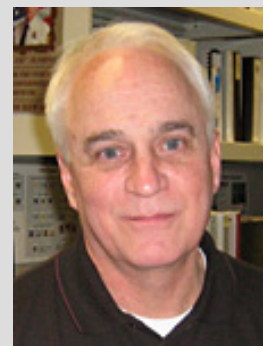
Good news. While we still may have cold and snow, the amount of daylight has increased by more than two hours since Dec. 21, the shortest day of the year, which had only nine hours of light.

For those who work the night shift, the disruption in routine isn't as easy to fix. Bob Mau, head of AD Operations Department, manages 25 accelerator operators on rotating shifts. According to Mau, "Not everyone is cut out for this kind of work." Predictors of success in these shifts include

Bob Mau, AD head

youth, experience with shift work, ability to sleep well at all hours, few family commitments and a desire for challenging work.

Bill Flaherty, chief of BSS Security Department, manages nine communications operators on three non rotating shifts. Although shifts are selected in accordance with seniority, Flaherty has found that some people stay on the midnight shift for many years. His observations about success predictors and

Bill Flaherty, BSS Security Department chief

light preferences are similar to Mau's.

To cope with disruptions in your natural

Monday, Mar. 3
- Minestroni
- Parmesan Quesadilla
- Baked chicken enchiladas
- Pot roast
- Upscale bologna sandwich
- Assorted slice pizza
- Szechwan green bean w/ chicken

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, March 5
Lunch
- Pork satay w/peanut sauce
- Sautéed asian vegetable
- Baked lime custard

Thursday, March 6
Dinner
- Mushroom duxelle
- Sautéed flounder w/shrimp
- Lacey potato pancakes w/ chives
- Steamed green beans
- Marzipan soufflé w/ bittersweet chocolate sauce

[Chez Leon Menu](#)
Call x4598 to make your reservation.

Archives

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Info

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is online at:
[www.fnal.gov/today/](#)

Send comments and suggestions to:
[today@fnal.gov](#)

"We are averaging about a call a day," Steinhoff said. "This has pretty much been our standard for the last three years."

All but four of the 19 firefighters on the Fermilab department also serve as volunteer or paid on-call firefighters for nearby departments, including eight in Fox Valley towns.

Firefighters come to Fermilab after earning a state certificate at other departments. Full-time positions at Fermilab give firefighters the job security to keep helping out in their hometown departments, which have limited full-time slots.

"We hire from other departments so the firefighters come with training. We send them back to help local departments with more training received from here. It benefits both places," said Fermilab Battalion Chief Larry Meyer, who also serves as the Stickney fire chief.

Though a system of mutual and automatic aid, Fermilab firefighters have responded to industrial fires, house fires, apartment fires and a church fire in recent years.

"We want to help our neighbors," Meyer said.

--Tona Kunz

In the News

ATLAS completes world's largest jigsaw puzzle
From *Interactions.org*, Feb. 29, 2008

Today, Feb. 29, the ATLAS [1] collaboration at CERN [2] celebrates the lowering of its last large detector element. The ATLAS detector is the world's largest general-purpose particle detector, measuring 46 metres long, 25 metres high and 25 metres wide; it weighs 7000 tonnes and consists of 100 million sensors that measure particles produced in proton-proton collisions in CERN's Large Hadron Collider[3] (LHC). The first piece of ATLAS was installed in 2003 and since then many detector elements have journeyed down the 100 metre shaft into the ATLAS underground cavern. This last piece completes this gigantic puzzle.

"This is an exciting day for us," said Marzio Nessi, ATLAS technical coordinator. "The installation process is coming to its conclusion and we are gearing up to start a new programme of physics research."

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routine, get exercise, eat nutritious foods and make sure you get enough good quality sleep. Black-out curtains can help to block out daytime light, and some say bright lighting during night shift work can help.

[Safety Tip of the Week Archive](#)

Accelerator Update

Feb. 27 - 29
- Two stores provided 16 hours and 30 minutes of luminosity
- Two Tev quenches
- Linac RF problems

[Read the Current Accelerator Update](#)
[Read the Early Bird Report](#)
[View the Tevatron Luminosity Charts](#)

Announcements

[Have a safe day!](#)

Apple Leopard presentation March 4
A presentation from Apple titled "Leopard for the Scientist" will be held on March 4, from 9 a. m.- noon in Wilson Hall One West. Breakfast pastries will be available at 8 a.m. The presentation will include the latest UNIX features and demonstrations in Leopard, Leopard tools for writing and optimizing code, Intel compiler and innovative solutions for scientists from Apple, developers and scientists. Apple Open Source's Ernie Prabhakar, Intel's Steve Lionel, and Ron Ustach and Tim White from the Apple Government Team will present. [More information](#)

U of C Tuition Remission program deadline March 10
The deadline for applying for the tuition remission program at The University of Chicago for the Spring 2008 quarter is March 10. See the [Web site](#) for more information or contact Karen Karlix, x4365 with questions.

DreamWeaver CS3: Advanced
An advanced course on DreamWeaver CS3 is offered. This course is targeted to Web site developers, Web site designers, marketing managers, Web graphic artists and Web site administrators. [Learn more and enroll](#)

Excel 2003 Intermediate
An intermediate class on Excel 2003 is offered. Learn how to create templates, sort and filter data, import and export data, analyze data and work with Excel on the Web. [Learn](#)

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