

## Calendar

### Tuesday, March 8

**9:00 a.m. - 5:00 p.m.** Computer Security Awareness Day

[Schedule of Presentations](#)

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

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

**4:00 p.m.** Accelerator Physics and Technology Seminar - Huddle (NOTE LOCATION)

Speakers: Representatives from JPARC Project and KEK

Title: High Intensity Phase Space Painting, Collimation, Extraction and Injection

### Wednesday, March 9

THERE WILL BE NO Fermilab ILC R&D Meeting THIS WEEK

**12:00 p.m.** Special Lunchtime Video Presentation - 1 West

Title: Einstein's Biggest Blunder (Program shown on Channel 4, UK Television)

**2:00 p.m.** Proton Driver General Meeting - 1 West

Speaker: S. Brice, Fermilab

Title: Neutrino Oscillation

Speaker: A. Klebaner, Fermilab

Title: Proton Driver Cryogenic System

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium - 1 West

Speaker: J. Repond, Argonne National Laboratory

Title: Calorimetry at the Linear Collider

## Weather

## Fermilab Postdocs: Apply for the 2005 Alvin Tollestrup Award by April 30



Alvin Tollestrup (left) presents the URA-sponsored Alvin Tollestrup Award for postdoctoral research to Nicole Bell of the Particle Physics Division at the 2004 Users' Meeting. (Click on image for larger version.)

Are you a postdoc at Fermilab or a URA member institution? Did you receive your PhD within the last six years? Could you use an extra \$3000? If so, nominate yourself for the third annual [Alvin Tollestrup Award for Postdoctoral Research](#) by April 30.

Nominations consist of a short paper that identifies a specific area of research, a CV, a list of publications and invited talks, and two letters of recommendation. All PhD researchers in non-permanent positions at Fermilab or URA member institutions are eligible. "We receive so many outstanding nominations. We wish that we could give out more awards," said John Conway of CDF and chair of the Tollestrup Award Committee.

The committee will select the award recipient by May 31 and invite the postdoc to give a talk at the 2005 Fermilab Users' Meeting in June.

## Director's Corner

### Good Morning!

Last Friday we celebrated the completion of the NuMI project and the beginning of the MINOS experiment. This marks the start of a long-baseline



Mike Witherell

neutrino program that will be a big part of Fermilab for many years to come. I was particularly pleased that Speaker Hastert, Congressman Oberstar, and Ray Orbach could all join us for the big event.

I want to repeat my congratulations to all of the talented people who worked so hard to turn the vision of a long-baseline neutrino program into a reality: Greg Bock and his NuMI project team; Stan Wojcicki, Doug Michael, and the MINOS collaboration; and all of the Fermilab employees who rolled up their sleeves to make the NuMI project a success. It takes the entire laboratory to build a project like this.

Friday was a great day for the Laboratory, and it took a lot of effort to make it come off so well. I want to thank all of the people who made it work, both the team who organized the NuMI dedication and the team who planned and carried out the lab-wide party.

## Accelerator Update



Mostly Sunny 30°/12°

[Extended Forecast](#)

[Weather at Fermilab](#)

### Current Security Status

[Secou Level 3](#)

### Wilson Hall Cafe

#### Tuesday, March 8

Golden Broccoli & Cheese

Hickory Smoked BBQ Pork \$4.75

Japanese Breaded Pork Cutlet \$3.75

Hawaiian Marinated Chicken w/ Grilled

Pineapple \$3.75

Toasted Almond Chicken Salad \$4.75

Supreme Baked Pizza \$2.75

Chicken Fajita Tacos \$4.75

The Wilson Hall Cafe now accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) will reopen starting

Wednesday, March 2. Call x4512 to make your reservation.

### Search

[Search the Fermilab Today Archive](#)

### Info

Committee members established the Alvin Tollestrup Award in 2002 to recognize outstanding work conducted by a postdoctoral researcher at Fermilab. "Postdocs do a lot of the heavy lifting and hard work at the lab," Conway said. "They're here every day carrying the ball for the experiments and deserve some recognition."  
- Elizabeth Clements

### AD Radiation Safety Team First Workers to Greet Neutrino Beam in MINOS Hall



Conducting radiation surveys, Gary Lauten, Bill Higgins, and Dale White, of Accelerator Division ES&H, were among the first to occupy the MINOS detector hall with neutrino beam operating. Using a cell phone camera, the group captured the moment digitally. Tony Busch and Paul Sedory, not shown here, were also in the group.

The NUMI-MINOS neutrino beamline complex includes some underground chambers that are designed to allow people to work there while the NUMI beam is running. For a few days beginning February 19, an Accelerator Division Radiation Safety team measured beam-on dose rates in these spaces. Gary Lauten, Tony Busch, Dale White, Paul Sedory, and Bill Higgins performed the study. They began in the water pump room and the power supply room outside the NUMI target hall. Later they moved downstream to the end of the decay pipe,

### March 4- March 7

- During this 72 hour period, Operations established 3 stores that, combined with an existing store, provided the experiments with approximately 57 hours and 25 minutes of luminosity
- One TeV store lost due to quench
- NuMI experiment commissioned
- D-Zero solenoid quenches

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

### Announcements

#### Updated Schedule for Computer Security Awareness Day

An updated schedule for today's presentations on various computer security topics, held throughout the day, is [available online](#). There will also be a wide variety of short video presentations at the "Ask the Expert" kiosk outside WH 1W. Participation in any of these activities is voluntary.

#### Einstein at Lunchtime

On Wednesday, March 9 from noon to 1:00 p.m. in 1 West, Fermilab employees can watch the 50-minute video, "Einstein's Biggest Blunder" from Channel 4 (UK). It is a popular science program about the expansion of the Universe, dark energy and whether the speed of light is constant. All welcome, eating lunch permitted!

#### Scottish Country Dancing Tonight

Silk & Thistle Scottish Country Dancing has several things to celebrate, including some special ladies, so dancing tonight (March 8) will be a bit of a party in honor of International Women's Day. Anyone is welcome to join us, from at 7:30 to 10

Fermilab Today is online at:

<http://www.fnal.gov/today/>

Send comments and suggestions to

[today@fnal.gov](mailto:today@fnal.gov)

[Fermilab Today archive](#)

[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)

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

[Linear Collider News archive](#)

[Fermilab Today classifieds](#)

[Subscribe/Unsubscribe to Fermilab Today](#)

measuring the region outside the absorber enclosure and the 900-foot-long access tunnel slanting down from there to the MINOS near detector hall.

During this study, on the afternoon of February 22, they realized that they were the first people to be present in the MINOS hall with the NUMI beam operating. Using a cell phone — which had lousy signal strength 360 feet underground, but which incorporated a camera that functioned just fine — they snapped pictures of the occasion, one of which is shown above.

- *Bill Higgins*

### In the News

#### From *Cornell News*, March 7, 2005

##### **Hans Bethe, a titan of physics and conscience of science, dies at age 98**

ITHACA, N.Y. -- Nobel laureate Hans Bethe, the last of the giants of the golden age of 20th-century physics and the birth of modern atomic theory, and one of science's most universally admired figures, died quietly yesterday evening at his home in Ithaca, N.Y. He was 98.

[read more](#)

#### From the *Beacon News*, March 5, 2005

##### **Fermi fires first neutrino pulse through ground to Minnesota**

*'Press here:' Simple keystroke starts \$170 million experiment*

By David Garbe

BATAVIA — The setup on the Fermilab stage Friday afternoon was simple: a podium, a pair of laptop computers and Speaker of the House Dennis Hastert.

Despite the simple scene, the laptops

p.m. at Kuhn Barn. More info at x8194, or 630-584-0825 or [folkdance@fnal.gov](mailto:folkdance@fnal.gov)

#### **Fermilab Barnstormers Host Delta Dart Contest Tomorrow**

The Fermilab Barnstormers will hold their annual Delta Dart Indoor Model Airplane contest this Wednesday, March 9, at the Village Barn. Entry is free! This event is only for the Fermilab community (close family and friends). Please arrive promptly at 5:30 since you need to build your "world-beater" model before flying it to fame and fortune! The actual flying contest will begin at approximately 7:00 p.m., giving the contestant plenty of time to test fly and trim (and repair) their model.

[more information](#)

#### [Upcoming Activities](#)

were connected to a scientific apparatus  
Hastert described as nothing short of  
"mind-boggling."

[read more](#)