

Calendar

Tuesday, August 15

2:15 p.m. Hadron Collider Physics

Summer School Open Lecture -

Auditorium

Speaker: M. Strassler, University of

Washington

Title: Beyond the Standard Model - 2

3:30 p.m. Director's Coffee Break - 2nd

floor crossover

THERE WILL BE NO ACCELERATOR

PHYSICS AND TECHNOLOGY

SEMINAR TODAY

Wednesday, August 16

11:00 a.m. Fermilab ILC R&D meeting -

Curia II (note location)

Speaker: N. Solyak, Fermilab

Title: ILC Main Linac Design

2:30 p.m. Hadron Collider Physics

Summer School Open Lecture -

Auditorium

Speaker: J. Womersley, Rutherford

Appleton Laboratory

Title: Physics Analysis I

3:30 p.m. DIRECTOR'S COFFEE

BREAK 2nd Flr X-Over

4:00 p.m. Fermilab Colloquium -

Auditorium (note location)

Speaker: T. Tait, Argonne National

Laboratory

Title: High Energy Colliders as Tools to

Understand the Early Universe

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

Weather

Aiming for zero: Report says key changes will cut injuries



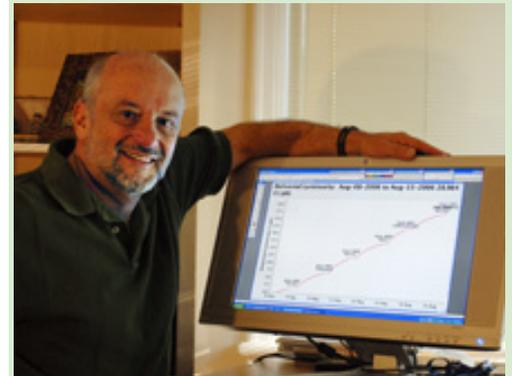
"We found that if you take care of the people, the numbers take care of themselves," said Injury Reduction Panel Chair Rich Ruthe.

Managers who are themselves personally and actively involved in everyday workplace safety can lower injury rates in their divisions and sections, and employees of such involved managers see safety as more about them and less as a numbers game. That's a major finding of the "Findings and Recommendations" [report](#) of the Laboratory Director's Panel on Injury Reduction, submitted to Fermilab Director Pier Oddone on June 30.

"People kept telling us that lab management is focused on numbers, not people, when it comes to safety," said panel chair Rich Ruthe, of the Technical Division. "The message might not be getting through that, although numbers are important, people are more important. We saw in certain divisions and sections where personal involvement from the top all the way to the front line translates into fewer injuries. The top managers are out and about, not just when something goes wrong, talking to employees, so the employees know that

Director's Corner

Seven beautiful days



Yesterday at the "All Experimenters" meeting, a new record for weekly luminosity was announced: 25.8 inverse picobarns for the week that ended on midnight Sunday. This morning the integral over the previous seven days shows an even more remarkable number: 29 inverse picobarns. This number was achieved without the help of any new records in instantaneous luminosity. It was simply the result of seven beautiful days of nearly perfect running.

For those who know a little about the complexity of the Tevatron, this level of performance is astonishing. What the world sees is a number. What those who know and understand the machine see is the strength of the team that makes it all work. With a concatenation of nine accelerators all of which have to work all the time to achieve this level of performance and with a couple of hundred thousand controllable elements, the level of reliability for any piece of hardware is enormous. Not only can a piece of hardware fail and bring the machine down, but the Tevatron must be on a hair trigger to abort the beam in a



Sunny 81°/55°

[Extended Forecast](#)[Weather at Fermilab](#)**Current Security Status**[Secon Level 3](#)**Wilson Hall Cafe****Tuesday, August 15**

- Tomato Bisque
- Lemon Pepper Club
- Burgundy Beef Tips
- Baked Fish Creole over Rice
- Grilled Chicken Caesar Wrap
- Assorted Slice Pizza
- Rio Grande Taco Salads

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, August 16****Lunch**

- Chicken Sate' w/Peanut Sauce
- Marinated Oriental Salad
- Coconut Cake

Thursday, August 17**Dinner**

Closed

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Search**Search the Fermilab Today Archive****Info**

the manager cares about safety and cares about them. We found that if you take care of the people, the numbers take care of themselves." [Read More](#)

Funkadesi will play August 19 in the Ramsey Auditorium

Three-time winner of the Chicago Music Awards, Funkadesi will play in the Ramsey Auditorium Saturday.

This Saturday, don't miss the band that New York's *Relix Magazine* called "Original and vibrant, with a sound that radiates joy and warmth." Funkadesi--a band that plays a mixture of reggae, Afro-Caribbean and East Indian music--will perform at 8:00 p.m. in the Ramsey Auditorium.

Funkadesi plays conga drums, sitar, base guitar and vibes in what one critic called "one of the best live shows that I have been to." The group has won three Chicago Music Awards and received international acclaim. You can learn more about them at the [Funkadesi Website](#).

Call 630-840-ARTS (630-840-2787), fax (630)-840-5501, or email audweb@fnal.gov for tickets. Cost is \$17 for adults and \$9 for ages 18 and under.

In the News

controlled way whenever deviations from normal operations are detected. I used to enjoy the sound and light show of summer thunderstorms. I no longer do. A lighting strike can tickle a system and bring the machine down. Attending the daily nine o'clock operations meeting in "the huddle" only confirms the level of complexity necessary to coordinate all the running activities.

This level of performance two months after the start-up of machine operation is also a testament to the careful work done during the shutdown last spring. During the three and a half month shutdown a huge amount of work was done, including the repair of 1200 protection valves in the Tevatron magnets. This work is now paying off.

As great as this performance is, we continue to be limited by the rate at which we can harvest and cool down anti-protons. Improving this rate is a challenging intellectual problem and we continue to work on it. The potential to improve our luminosity further is still there.

Announcements**Memorial Service for Jane Wilson**

A memorial service for Jane Wilson will be held on Sunday, August 20 at noon in the Users' Center in the Fermilab Village. If you'd like to attend, please [sign up here](#).

Bowling League

Fermilab's Wednesday night bowling league is looking for bowlers for a 30-week, 4-person league. All bowling abilities are welcome. Bowling starts on Wednesday, September 6, at 5:30 p.m.

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

Send comments and suggestions to today@fnal.gov

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LA Times, August 5, 2006: Astronomers Say Universe May Be Bigger and Older

New findings from an Ohio State University team of astronomers are raising the possibility that the universe is larger than previously thought.

Using new measurement methods, the team found that the Triangulum Galaxy is 3 million light-years away, not the 2.6 million that had been accepted in the past.

If the method proves reliable for other distant objects, the results could force a readjustment of one of the building blocks of modern cosmology: the Hubble constant.

[Read More](#) (registration required)

Interested individuals or teams should contact Al Legan x4074, or Robert Hively x4467.

Lifeguards wanted

The Recreation Office is looking for part-time and full-time lifeguards to fill in the last two weeks of the summer season. If you know certified lifeguards who might be interested, have them call Jean Guyer in the Recreation Office at 630-840-2548.

Blood drive

Mark your calendars; Fermilab's blood drive will be held on August 28 and 29 from 8:00 a.m. to 2:00 p.m. On August 28, the drive will be held in Wilson Hall's ground floor NE training room. On August 29, the drive will be held in the Industrial Center Building east ground floor (follow the signs). Appointments can be scheduled [on the web](#) or by calling Margie at x3411 or Lori x6615.

[Upcoming Activities](#)