

Calendar

Monday, July 12

THEORETICAL ASTROPHYSICS SEMINARS WILL RESUME IN THE FALL

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting -

Curia II

Special Topic: RICE Testbeam Results

Tuesday, July 13

Noon Summer Lecture Series - 1 West

Speaker: S. Parke, Fermilab

Title: Neutrinos: Ghosts of the Universe

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR

PHYSICS AND TECHNOLOGY

SEMINAR TODAY

Wilson Hall Cafe

Monday, July 12

Potato Au Gratin

Monte Cristo \$4.75

Savory Roasted Chicken Quarters \$4.75

Lasagna Bolognese \$3.50

Chicken Ranch Wrapper \$4.75

Sicilian Style Pizza \$ 2.75

Szechuan Style Pork Lo Mein \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Weather



Partly Cloudy **87°/68°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

2004 URA Scholarship Recipients Announced



Thirteen high school seniors, all children of Fermilab employees, were recently awarded URA scholarship awards for their exceptional SAT scores. Selected from a pool of 42 applicants, they will receive \$4000 annual stipends for their first four years of college.

"The URA scholarship program is competitive because the children of all fulltime Fermilab employees are eligible," said Ezra Heitowit, vice president of the URA. "When the DOE first started funding the awards in the 1970s, many universities waived the tuition for their employees' children who were admitted. Because one of the missions of Fermilab and the URA is to promote education, we are providing an educational opportunity for Fermilab employees' children."

"The scholarship supports a variety of majors," said Jeannelle Smith of Employee Relations. "For instance, this year fields of study will include classical languages, biology and business administration. We simply want to help them get through college." As a result, in any given academic year some 40 students are receiving URA scholarships totaling \$160,000.

Safety Tip of the Week

Jeg Sveder Tran!



The Roads & Grounds department has to deal with outdoor weather on a daily basis. The crew is advised to take frequent breaks and drink a lot of water.

That's Danish for "I'm sweating fat." The combination of heat and humidity can be a health threat, especially during summer months. If you need to work outdoors or in an environment that is not air-conditioned, you can be at risk of heat-related illness.

Roads & Grounds has to deal with outdoor weather on a daily basis. Mike Becker, manager of this group, advises his workers to take frequent breaks, have ready access to drinking water, and make ample use of shade and air-conditioned spaces during hot weather. One particular technique that they use is to hop into an air-conditioned truck for a quick cool-off. Becker also reminds his workers to pay more attention to their well-being and that they will not be reprimanded for taking breaks.

Here are some general precautions to help you avoid heat stress.

- Drink plenty of water.
- Wear light, loose-fitting,

[Secon Level 3](#)

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"Many employees feel that these awards have helped their children to succeed in college," said Heitowit. "The stipend isn't huge, but it helps offset tuition costs that have been rapidly rising."

[2004 URA Scholarship Recipients](#)

Wet and Wild Technical Division Picnic

On Friday, July 9 more than 200 employees attended the 3rd annual Technical Division picnic at Kuhn Barn, taking part in a raffle, puzzle building competition and water balloon toss. After a country meal of fried

chicken and hot dogs, Head of the Technical Division Bob Kephart congratulated the crowd on reaching all of its goals in building accelerating structures for the linear collider test facility at SLAC.



Rich Stanek, who was calling the balloon toss game, was surprised (and soaked) when everyone playing the game turned and tossed their balloons at him. (Click on image for larger version.)

"We made progress in all of our sections, as well as going 432 work days without a Lost Work-Time injury," he said. Later, a water balloon fight broke out while he was distributing safety-related raffle prizes, such as safety goggles and insulated screwdrivers.

"Happy, but wet," Peter Limon of TD described the situation. He was one of several victims of run-by water balloon

breathable clothing.

- Take frequent short breaks in air-conditioning or cool shade.
- Eat smaller meals before outdoor activity.
- Avoid caffeine, alcohol and large amounts of sugar.
- Be aware that some health conditions and/or medications can increase your susceptibility to heat stress.
- Be aware that some kinds of protective equipment such as respirators or work suits can increase heat stress.

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

Accelerator Update

July 7 - July 9

Operations established one store during this 48 hour period. It provided approximately 4 hours and 9 minutes of luminosity to the experiments. - TeV quench lost store 3629

- Power supply HF49 caused TeV quench
- AQ0 problems delay establishing store

[View the current accelerator update](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Upcoming Classes

July 21 - Accomplishment Report Writing

July 30 - Excel Intermediate

August 3 & 5 - HTML Intro, Intro to Web Publishing (two half-days)

August 4 & 11 - Adobe Acrobat 6.0 Prof. (two half-days)

August 4, 12 - Goal Setting

August 5 - Performance Appraisal Workshop

attacks.

In the News

Boston University Press Release, July 9, 2004 **Global team of physicists upends standard model with discovery of neutrino oscillation, mass**

Boston University physicist, James Stone, announces findings for U.S. contingent (Boston) -- A team of nearly 100 physicists from around the world have achieved results verifying that the elementary particle known as the neutrino exhibits a distinctive pattern of oscillation. This discovery shows that it is likely that the Standard Model, proposed in the 1970s to describe the fundamental forces and particles that make up all matter, is incomplete. The findings provide the needed confirmation to their previous discovery of neutrino oscillation and give the most precise measurement yet of neutrino mass.

[read more](#)

August 10 - Access Intro

August 24 - Word Intro

August 25 - Adobe Acrobat 6.0 Prof. - Forms, Security & Accessibility (one half-day)

August 31 & Sept. 2 - Cascading Style Sheets (two half-days)

Sept. 14 - 16: JavaScript Programming
[more information](#)

Fermilab Golf League Outing This Friday

The Fermilab Golf League is sponsoring a Golf Outing at the Tamarack Golf Club in Naperville next Friday, July 16, at 1:30 PM. Everyone is welcome to play. There will be games and prizes for golfers of all skill levels. The cost is \$59.95.

[more information](#)

Scottish Country Dancing

Scottish Country Dancing will be held at 7:30 p.m., Tuesday, July 13, at the Geneva American Legion Post. Newcomers are always welcome. Info at 630-584-0825 or 630-840-8194 or folkdance@fnal.gov.

Fermi Singers

Did you go to the Fermi Singers' concert this past Wednesday? Do you like to sing? If you answered yes to either of those questions... be sure to stop in the auditorium at noon on Wednesday. They'd love to have you!

Free English Classes

NALWO-sponsored free English language classes for beginning and advanced levels are Mondays at the Users Center from 9:30 a.m. to 11:00 a.m.