

## Calendar

### Monday, April 4

**2:30 p.m.** Particle Astrophysics Seminar - Curia II

Speaker: H. Morrison, Case Western Reserve University

Title: M31's Surprising Old Populations

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** All Experimenters' Meeting - Curia II

Special Topics: Visitor Access to PPA's Including CDF and DZero; Tevatron Helices and Lifetimes; Electron Cooling Commissioning

### Tuesday, April 5

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** Accelerator Physics and Technology Seminar - 1 West

Speaker: Y. Kuno, Osaka University

Title: The FFAG Accelerator for the PRISM Project: Phase Rotation, Injection/Extraction, RF and Magnet R&D, The Conceptual Design and Schedule

**4:00 p.m.** Special Joint Experimental Theoretical Physics Seminar - Curia II

Speaker: G. Isidori, INFN, Frascati

Title: The Physics Case for Rare Kaon Decays

## Weather



Mostly Sunny **68°/47°**

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

### Robin Staffin Addresses Fermilab Community on Thursday at 11:30 a.m.

All members of the Fermilab community are encouraged to join Robin Staffin, Associate Director for High Energy Physics for DOE's Office of Science, from 11:30 to



Robin Staffin

12:30 on Thursday, April 7, in Ramsey Auditorium. Staffin will discuss the perspective of the Office of Science on Fermilab's key role in the future of US particle physics. The talk will be broadcast to One West, and on Channel 9 within Fermilab. A link to [live streaming video](#) will be available.

### IMSA Senior Takes Second Place at Intel Science Search

Tim Credo, a senior at the Illinois Math and Science Academy, took second place and received an award of \$75,000 in scholarship money at the Intel Science Talent Search in Washington, D.C on March 16. With help and guidance from Fermilab user and University of Chicago physicist Henry Frisch, the pair developed a new method of particle detection and identification.



Tim Credo

Current methods, like the ones employed in CDF and DZero, measure time-of-flight by detecting a particle's arrival using the shower of

## Safety Tip of the Week

### Watch that Goose!



*Because of several geese attacks in the last couple of weeks, we are running an updated version of a Safety Tip published in April 2004.*

Poet Alfred Lord Tennyson said, "In the Spring a young man's fancy lightly turns to thoughts of love." Well, why should Canada Geese be any different? All around the lab at this time of year, goose pairs are tending to mates and nests full of eggs. Their responsibilities include protecting against all threats, real or imagined. Those perceived threats often come from Fermilab employees.

Already this year, a few employees have sustained minor injuries in altercations with exuberant goose parents. Almost all of these mishaps occur because of the humans' own exuberance in avoiding or attacking geese rather than any evil intent on the part of the birds. The best way to avoid problems with geese during spring time is simply to stay away from them. Use an alternate door for the few weeks the geese will be attached to the nesting spot, or just take a few seconds to walk around the area rather than "challenging" their territory.

## [Secou Level 3](#)

### Wilson Hall Cafe

#### Monday, April 4

Wisconsin Cheese Soup  
Corned Beef Reuben \$4.75  
Chicken Provencale \$3.75  
Shepherd's Pie \$3.75  
BBQ Panini with Pepper Jack Cheese \$4.75  
Meat Lovers Pizza \$2.75  
Kung Pao Chicken with Peanuts & Scallions \$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](#) is now open. Call x4512 to make your reservation.

### Search

#### Search the Fermilab Today Archive

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photons arriving at the end of a long scintillator bar after a collision. The new method detects particles with photons produced in a small square window, using 2x2x1 inch tiles that can line the inside of any particle detector. Credo and Frisch identify the particles' mass by measuring their speed. They are currently running computer simulations at the University of Chicago while they design the electronics.

Credo and Frisch started working together last summer as part of an internship program through IMSA. "The best part is just working in the High Energy Physics building at University of Chicago," Credo said. "It was intimidating at first, but everyone would just say that we are paying you to learn."

At the award ceremony, Credo recalled waiting for his name to be called. "It was nerve wracking," he said. "All I thought about was the little things they told us to do onstage -- where to walk, how to hold the award, that sort of thing." After the ceremony, Credo and the other 40 finalists got to meet President Bush. Credo is currently looking at colleges across the country before he decides which school he will attend this fall.  
- *Eric Bland*

### In the News

#### From *MOSNews.com*, March 31, 2005

##### Ousted Kyrgyz Leader Akayev to Leave Politics for Physics

Ousted Kyrgyz leader Askar Akayev says he is considering leaving politics for physics, Itar-Tass reports. If it is impossible to go back to Kyrgyzstan, he will stay in Russia and work for the Russian Academy of Sciences.

The lab has a limited ability to prevent problems in critical areas, such as temporary fences between nests and walkways, or deterrent chemicals to grassy areas where geese forage. In some highly sensitive areas, such as the Daycare Center, we can evict badly behaving nesters forcibly.

We should always keep in mind that we are justifiably proud of Fermilab's friendly relationship with nature. And nature is not always as convenient, pristine, or safe as we might like.

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

[Safety Tip of the Week Archive](#)

### Accelerator Update

#### March 30 - April 1

- During the last 48 hours Operations established two store that combined with an existing store provided the experiments with approximately 12 hours and 17 minutes
- Off site power glitch causes store abort
- MiniBooNE magnet overheats

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

### Announcements

Vice-president of the Academy and the head of its Electrophysics Institute Gennady Mesyats told the news agency that he is ready to hire “the talented scientist Akayev right now”. “He has a great authority over the scientists. Akayev has written a number of books on information technologies and physics, that I reviewed myself,” Mesyats said.  
[read more](#)

### **Upcoming Classes**

April 5: Access 2000 Advanced  
April 25 - 27: Oracle PL/SQL (for Oracle Database 10G)  
April 28: Excel 2000 Intro  
May 11 - Access 2000 Intro

[more information](#)

### **Calling All NCAA Basketball Fans**

Last year, Fermilab Today ran an [article](#) about the results of the NCAA basketball tournament among experiment collaborations, and we plan to do the same thing this year. After the championship game, Fermilab Today invites collaborators to send their results to [Eric Bland](#).

### **Women's Personal Protection and Self Defense Spring Class**

Due to it's success, we will be offering another class session in the spring from April 6 to May 18. Classes are held in Kuhn Barn from 5:30-7:30PM. The cost is \$35.00. This class is open to Fermilab women, their mothers and daughters, minimum age is 12, no maximum age. For more information and testimonials from past participants visit the [Recreation Office Web site](#).

### **[Upcoming Activities](#)**