

## Calendar

### Friday, April 1

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** Joint Experimental Theoretical Physics Seminar - 1 West

Speaker: R. Schwienhorst, Michigan State University

Title: Search for Single Top Quark Production at DZero

### 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

## Weather



Chance Rain **52°/33°**

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

## April Fool!

Hope the 9:00 a.m. edition of [Fermilab Today](#) made you laugh! Here is the real issue. (Really.)

## Calling All Golfers!

Join the Fermilab Golf League



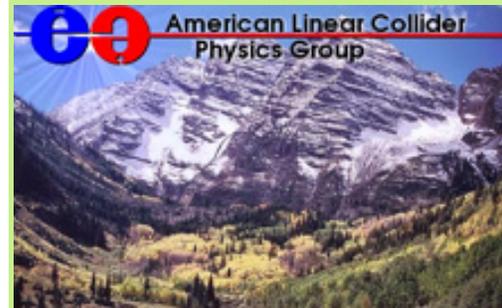
A few of the Fermilab Golf League representatives: (Front row, left to right) Mark Kujawa, Patrick Liston (Back row, left to right) Mike Matulik, Don Arnold. (Click on image for larger version.)

Have you seen these guys? These are four of the eight Fermilab Golf League representatives that can tell you how to improve your golf game — by playing more often! Want to improve your game, have more fun and meet great people? The Golf League would like to hear from you. The Golf League consists of four individual leagues, playing on three local courses on two different nights of the week. All told, there are over 100 golfers in the league, and we'd like a few more.

The leagues at Fermilab allow golfers to play in friendly, four-person team competition each week. Our handicapped matches ensure that golfers of widely varying ability are able to compete fairly. Membership is open to all Fermilab

## What's Up with the ILC?

Snowmass hosts ILC workshops in August



This summer, particle physicists from around the globe will gather at two workshops in Snowmass, Colorado, to advance plans for the International Linear Collider. Workshop participants will discuss the accelerator configuration, specify necessary detector and physics studies, and address machine-detector interface issues. The workshops will be held jointly from August 14-27 to allow for collaboration between the various expert groups. According to workshop organizers, the workshops will be an excellent opportunity for individuals who have not participated in the ILC collider program to learn about it and to begin active participation.

The goal of the *Second ILC Accelerator Workshop* is to establish a large portion of the baseline configuration of the ILC under the guidance of Barry Barish, the recently-named director of the Global Design Effort. Workshop participants will review the progress made since the first workshop, held at KEK in November 2004, and will outline the path to resolving the remaining baseline issues by the end of 2005. In addition, physicists will identify topics that require further R&D, and

## Friday, April 1

Old Fashioned Ham & Bean Soup  
Black & Blue Cheeseburger \$4.75  
Chicken Wellington \$4.25  
Stuffed Manicotti \$4.75  
Roasted Veggie & Provolone Panini  
\$4.75  
Assorted Pizza Slices  
Vegetarian Stir Fry \$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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employees (both present and past), their families and contractors doing business with the lab. While this year's roster of league representatives are all men, we have a respectful number of women that play as well. If you don't feel that you can commit to playing every week, all of the leagues offer positions for substitutes that play in an as needed basis.

We have openings for teams, individuals and substitutes. For more information, please contact any of the league representatives:

**Bliss Creek Golf Club** (Tuesday): [Don Arnold](#) , [Gary Davis](#)

**Fox Valley Golf Club** (Tuesday): [Mark Kujawa](#) , [Carl Lundberg](#)

**Fox Valley Golf Club** (Wednesday): [Alan Jonckheere](#), [Mike Yeoward](#)

**St. Andrews Golf Club** (Wednesday): [Patrick Liston](#) , [Mike Matulik](#)

- *Mike Matulik*

### Accelerator Update

#### Combination Store (Combo Platter)

The reason why the Tevatron has been producing record-breaking luminosities is because of the accelerator complex's ability to produce combination stores.

The Main Injector sends protons to the Antiproton Source's nickel target, which makes the antiprotons. The Debuncher manipulates the antiprotons and stores them in the Accumulator, but its storage capacity is limited.

[read more](#)

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

### In the News

working group 6 will address communication issues and strategies.

The *Physics and Detector Workshop*, organized by the American Linear Collider Physics Group (ALCPG), will focus on the physics questions to be addressed by the ILC and the detector technology needed to find the answers. Among several topics, the physics studies will investigate the need for precision calculations and connections to astrophysics and cosmology. The detector studies will look at the technical details as well as performance of different detector concepts, and workshop participants will develop future R&D and test beam plans.

"This is the next in a series of meetings that we have held in North America over the past three years, the last being in Victoria last July," said Jim Brau, co-chair of the ALCPG. "This time we decided we were ready for a longer, two-week meeting to get more accomplished. We are also expanding the international participation."

The ALCPG Web page lists the [detailed goals](#) of both workshops, and [registration](#) is available online. Non-US citizens wishing to participate are reminded to apply for a visa in April.

- *Kurt Riesselmann*

### Announcements

## From *AScribe*, March 29, 2005

### In Support of Science: Members of Congress on the FY 2006 S&T Budget

When Congress returns from its recess next week attention to the FY 2006 appropriations bills will increase. While the first bills are many weeks away, the new chairman of the House Appropriations Committee, Jerry Lewis (R-CA), has told his subcommittee chairmen to put their draft bills on a fast track. This and forthcoming FYIs will focus on what has been said about the Bush Administration's FY 2006 budget request in a series of statements on S&T funding and several House Science Committee hearings. This FYI reviews a Senate statement in support of the DOE Office of Science and the NSF. See FYI #43 for a statement by Rep. Vernon Ehlers (R-MI) to the House Appropriations Subcommittee on Science, State, Justice, and Commerce and Related Agencies. [read more](#)

### Canoe Rentals

Canoes and car racks can be rented through the Recreation Office, WH15W. Cost is \$7 per day/per canoe and \$5 for the car rack. This includes paddles and life jackets. Transportation of the canoes is the responsibility of the renter, unless a car rack is rented. Canoes are aluminum and 17' in length and have a maximum capacity of 5 people. Canoes are located in the garage between 10 Sauk Circle and Anderson Barn. Reservations and payment must be made prior to use. Canoes are licensed and may be taken off site. Arrangements can be made to pick up the canoes on weekends and after hours, if needed. Onsite canoeing is available on the Village lakes only. These are: DUSAF Pond, A.E. Sea and Lake Law.

### New Classifieds on *Fermilab Today*

New [classified ads](#) have been posted on *Fermilab Today*. A permanent link to the classifieds is located in the bottom left corner of *Fermilab Today*.

### [Upcoming Activities](#)