

## Calendar

### Friday, April 15

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

BREAK - 2nd Flr X-Over

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

Speaker: A. Kharchilava, University of Notre Dame

Title: Searches for Higgs Bosons at DZero

**8:00 p.m.** Fermilab International Film Society - Auditorium

Tickets: Adults \$4

Title: The Court Jester

### Saturday, April 16

**8:00 p.m.** Fermilab Arts Series - Ramsey Auditorium

Michel Lauziere: Master of the Unusual

### Monday, April 18

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

To Be Announced

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

BREAK - 2nd Flr X-Over

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

## Weather



Sunny 69°/42°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secun Level 3](#)

## Wilson Hall Cafe

## What's Up with the ILC?

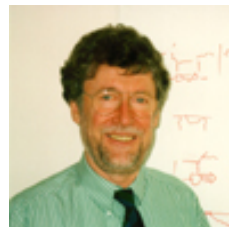
The entire International Linear Collider series is [available online](#).

### SCRF scientists proceed with R&D



The TESLA Technology Collaboration met at DESY in Hamburg. (Click on image for larger version.) (Photo Courtesy of DESY)

From March 30 to April 1, the TESLA Technology Collaboration met at DESY to work on superconducting radiofrequency (SCRF) technology, which will be used for the International Linear Collider (ILC). It was the first full meeting of TESLA scientists under a new collaboration name. In September 2004, members of the original TESLA collaboration agreed on a new [mission statement](#) following the recommendations of the International Technology Recommendation Panel (ITRP). The mission of the collaboration is to advance SCRF technology research and development and related accelerator aspects across the broad diversity of scientific applications, and to keep open and provide a bridge for communication and sharing of ideas, developments, and testing across



## FNAL User Solomey Joins arXiv.org Advisory Council

Nickolas Solomey, a member of the MINERvA, MIPP, and KTeV projects and professor of physics at the Illinois Institute of Technology, is one of the new Physics Advisory Council members for arXiv.org.

He is also

the newly elected chair of the entire physics committee for arXiv.org.



Nickolas Solomey

ArXiv.org is devoted to the free exchange of

quality information in the fields of physics, mathematics, quantitative biology, computer science, and non-linear science. Solomey foresees a reorganization and future improvements to the HEP (High Energy Physics) website. He joined arXiv.org in 2001 as a moderator for the HEP-EX (Experimental) site to "ensure the highest standard of scientific excellence." Solomey welcomes comments or suggestions to improve the website.

Paul Ginsparg created the website in 1991 as a physics resource for Los Alamos National Laboratory. In 1996, Ginsparg and arXiv.org moved to Cornell University and urged the university's library to house and professionally maintain the rapidly expanding website. Since then the website has expanded into other fields and now receives approximately 300,000 hits per day. For an article to be posted on the site, which is free of charge to submitters and readers, it must go through three different

## Friday, April 15

Cream of Wild Mushroom Soup  
Blackened Fish Filet Sandwich \$4.75  
Southern Fried Chicken \$3.75  
Casserole Florentine with Italian Sausage \$3.75  
Eggplant Parmesan Panini \$4.75  
Pizza Supreme \$2.75  
Baked Potato Bar w. Chili \$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

## Info

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

Send comments and suggestions to  
[today@fnal.gov](mailto:today@fnal.gov)

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projects. [DESY Director Albrecht Wagner spoke at the](#)

In August 2004, the [meeting](#).

ITRP had recommended for the ILC the use of superconducting or "cold" technology, which the TESLA collaboration had helped to develop. In addition, the ITRP had recommended that scientists should develop a new Technical Design Report for the ILC rather than adopting the TDR of the TESLA linear collider.

The TESLA Technology Collaboration is expected to include most of the 55 institutions from thirteen countries of the old TESLA collaboration, with new institutions such as SLAC and KEK joining the collaboration. At the DESY meeting, the new Collaboration Board drafted a Memorandum of Understanding to be signed by all institutions participating in the new collaboration. Fermilab has been a member of TESLA for many years.

The SCRF technology is of importance not only for the ILC but also the X-ray Free Electron Laser to be built at DESY and a superconducting proton beam line for a neutrino factory. At the DESY meeting, working groups focused on R&D for high-quality large-scale cavity production; next-generation cavity infrastructures; and auxiliaries & module integration for the linear collider. The talks of the meeting and summaries of the three working groups are [available online](#).

## Milestones

automatic filter systems and be endorsed by someone who has already been published on the site before it arrives on Solomey's desk. "To say we get a few articles is an understatement," said Solomey. "But it's not as much work as you would think."

- *Eric Bland*

## Announcements

### Fermilab Film Series

The Fermilab Film Series will present "The Court Jester" tomorrow at 8:00 p.m. in Ramsey Auditorium.

[more information](#)

### Fermilab Arts Series

The Fermilab Arts Series will present "Michel Lauziere: Master of the Unusual" on April 16 at 8:00 p.m. in Ramsey Auditorium. Limited tickets are still available.

[more information](#)

### Fermilab Folk Club Barn Dance

The next Fermilab Folk Club Barn Dance will be on Sunday, April 17 at 2:00 p.m. with music by the Dept. of Old-Time Security and calling by Paul Ford. This is the last afternoon dance of the season.

[more information](#)

### Retirement Reception for Judy Nicholls

After 30 years at Fermilab, Judy Nicholls is retiring from the Computing Division. There will be a farewell reception in her honor on April 19 at 3:00 p.m. in the Wilson Hall Art Gallery on the 2nd floor cross-over. Please stop by for cake and punch to reminisce with Judy about her work and life at Fermilab.

### Summer Camps at SciTech

### Retiring:

- Mel Magnuson, FESS, 3/30/05
- Dennis Graham, PPD, 3/30/05
- Garrett Trotter, PPD, 3/30/05
- Tommy Rathbun, PPD, 3/30/05
- Fred Browning, PPD, 3/31/05
- Mary Browning, ES&H, 3/31/05
- Marilyn A. Paul, PPD, 4/11/05
- James R. Reed, TD, 4/6/05
- Michael Kerwin, TD, 4/14/05
- Robert Morrison, Jr., PPD, 4/15/05

### In the News

#### From *Mercury News*, April 14, 2005

##### Becoming social scientists

*Physicists Spruce Up Image in Bid to Change Attitudes, Grow Ranks*

by Kim Vo

On the centennial of Albert Einstein's landmark papers that shook the foundations of physics, Neil Calder is pondering weighty issues -- atoms, dark matter and why there isn't a soap opera about physicists.

Physicists are just as interesting as doctors, argues Calder, director of communications at the Stanford Linear Accelerator Center. They have office romances, in-house politics. But alas, he suspects he knows the reason behind the snub: When you talk about physicists, he says, inevitably people imagine ``guys with bad hair."

[read more](#)

SciTech is once again offering summer camps for children age six through thirteen, divided into appropriate age groups. The museum offers six one-week units, with themes ranging from "Crime Scene Investigators" to "Totally Ballistic" to "Bats and Beyond." Professional teaching staff, air conditioned facilities and an outdoor science park are just some of the unique benefits of camp at SciTech. For additional information see the [online brochure](#) or contact SciTech's Center for Learning at 630-859-3434, ext. 214.

### 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. On site 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](#)