

Fermilab Today

Friday, October 13, 2006

Calendar

Friday, October 13

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-over

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

Speaker: E. Eichten, Fermilab

Title: New States Above Charm

Threshold

8:00 p.m. Special lecture - Auditorium

Dr. Lisa Randall, Harvard University,

Warped Passages: Unraveling the

Mysteries of the Universe's Hidden

Dimensions -SOLD OUT

Monday, October 16

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

Speaker: M. Boylan-Kolchin, University of California, Berkeley

Title: The Assembly of Massive Galaxies and their Central Black Holes

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

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

Special Topic: Tevatron Operations Since the Shutdown

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

Weather



partly cloudy **49°/31°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

New GSA officers will put a fresh face on physics



From left, standing: Jason Koskinen, Jennifer Gimmell; sitting: Mandy Rominsky, Sarah Schlobohm and Kendall Mahn.

Early this month the Graduate Student Association elected five new officers to organize social and professional events for young physics people. "We put a fresh face on physics," said MINOS grad student Jason Koskinen. "It isn't just done by 50 year-old guys with suspenders and pocket protectors."

The 2006-2007 elected GSA officers are: Jennifer Gimmell, on CDF from the University of Rochester; Jason Koskinen, on MINOS from University College London (UK); Kendall Mahn, on MiniBooNE and SciBooNE, from Columbia University; Mandy Rominsky, on DZero from University of Oklahoma; and Sarah Schlobohm, on DZero from University of Notre Dame.

Upcoming GSA events include a Halloween party, a Winter Ball (held with the University of Chicago), and the annual triathlon. Mandy Rominsky believes the graduate student community

ILC NewsLine

Pomp and circumstance

This column is written by Barry Barish, director of the Global Design Effort.



Sheldon Glashow, Nobel Laureate in Physics, and Barry Barish receiving honorary degrees from the University of Bologna.

Last week, Sheldon Glashow of Boston University and I made a trip to Italy to receive honorary degrees in physics ("[Lauree ad Honorem in Fisica](#)") from the University of Bologna. The ceremony was very impressive, not just for the elegant caps and gowns we wore, but also for the long established traditions that the University carefully followed.

The University of Bologna is the oldest continuously operating university in the world, with a very proud tradition in science. Most appropriately, the subject of my "graduation speech" focused on the International Linear Collider, entitled "[The Future of Particle Physics: the Case for Building another Huge Particle Accelerator](#)." Shelly gave his talk on "[Simplicity, Symmetry and Small Matrices](#)," a theme that runs through his

[Second Level 3](#)**Wilson Hall Cafe****Friday, October 13**

- Old fashioned ham and bean soup
- Philly Style Chicken
- Braised Pork Chops
- Stuffed Manicotti
- Roasted Veggie and Provolone Panini
- Assorted Slice Pizza
- Baked Potato

[Upcoming Menu](#)**Chez Leon****Wednesday, October 18**

- Northern Italian Lasagna
- Romaine & Endive Salad w/Olives & Lemon Vinaigrette
- Poached Pears in Red Wine

Thursday, October 19**Dinner**

- Curried Pumpkin Soup -Grilled Duck Breast w/Fig Sauce -Wild Rice w/Pecans
- Brussels Sprouts w/Lemon & Bacon - Apple Walnut Strudel

[Chez Leon Menu](#)

Call x4598 to make your reservation.

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also needs more casual events. "More people would get involved," she said. Sarah Schlobohm echoed the same feeling: "I want to see more events, not only large events," Schlobohm said. "This will make it easier for people to meet. When I arrived here, I was really bored."

Beyond social events, the GSA holds a career night; sponsors lectures; co-hosts the New Perspective conference during Fermilab's Annual Users' Meeting; travels to Washington, DC annually to communicate the importance of high energy physics; and is involved in outreach-talking with school kids about the excitement of physics research.

The GSA's ultimate goal is to support graduate students for careers in physics, which includes social and professional skills, "There is more to the world of physics than just doing physics," said Columbia University's Kendall Mahn of MiniBooNE and SciBooNE. "You have to do physics with people."

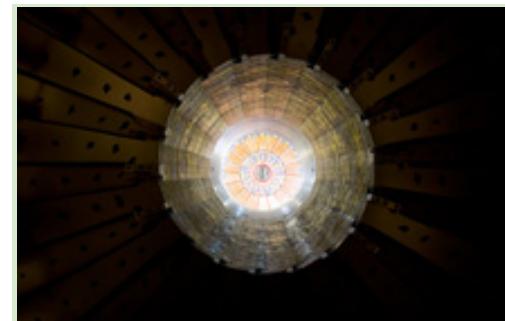
For more information on the [GSA Website](#) or e-mail the officers at gsaOfficers@fnal.gov.

--D.A. Venton

In the News***PhysOrg.com, October 11:*****Particle decay may point to New Physics**

A tiny flaw has caught the attention of physicists: the Standard Model (SM) predicts that the B meson mixing phase should be measured at nearly the same result using two different classes of decay modes. However, observations of the two different decay modes recently gave very different values, resulting in an unexpectedly large discrepancy in the B

brilliant career in theoretical physics.

[Read More](#)**Photo of the Day**

Exciting times: Fermilab's Fred Ullrich shot this picture of the CMS detector assembly at CERN back in June. Over the next few months, the giant detector will be lowered 300 feet below ground. Now you can watch its progress on a [webcam](#). (You can access our new LHC Web cam page from the Fermilab homepage as well.)

Announcements**Child care at work - new date added**

Does your child have a day off when you plan to work? If so, you may want to take advantage of The Children's Center's pilot child care program for children ages 5 through 12. In addition to the original dates offered--Columbus Day (October 9) and Veteran's Day (November 10)--the service will also be available on November 3 from 7:30 a.m. to 5:00 p.m. You can register early by calling x3762. The cost is \$35.00 per day.

Naperville Vision: 175th Anniversary Celebration Saturday

Fermilab docents will present hands-on demonstrations and activities at Naperville's 175th anniversary celebration, which takes place Saturday, October 14, from 9:00 a.m. to 6:00 p.m. Fermilab will be part of the "Technologies of the Future" exhibit, where physicists and engineers will answer questions about Fermilab and the ILC. In addition to Fermilab, there will be exhibits by Argonne, DOE, BP, Exelon, Nicor and

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mixing phase.

Scientists Rahul Sinha, Basudha Misra and Wei-Shu Hou have tried to explain the discrepancy, and have shown that it is not possible to reconcile the deviation between the measurements, revealing a possible glitch in the stubbornly persistent SM.

"At present, it is not possible to specify the kind of NP [New Physics] that might be implied," Sinha told PhysOrg.com.

"We not only need larger data sample of B meson decays, but also more theoretical studies. It could be supersymmetry, or something else."

[Read More](#)

Edward Hospital.

The event will be held in Frontier Park, 3380 Cedar Glade Drive. The park is near the Neuqua Valley High School on 95th St in Naperville (close to Rte 59). More information, including a map of the area, [here](#).

Hydrant Flush

FESS Operations will perform the annual Main Site ICW Hydrant Flush from October 16 through October 21, between 6:00 a.m. and 6:00 p.m. "We'll be using hoses and diffusers where possible to minimize water in the streets and parking lots," said maintenance superintendent Greg Gilbert, "but there will be some instances where it's unavoidable." Questions should be directed to Steve Shirley at x3007 or LRP at 266-8627.

Classifieds

New [classified ads](#) have been posted on Fermilab Today.

Upcoming Activities