

Calendar

Fri., December 15

11:00 a.m. Computing Techniques Seminar - FCC 1

Speaker: V. Welch, University of Illinois, Urbana-Champaign
Title: A Roadmap to Federated Identity for Grids

2:30 p.m. Special Particle Astrophysics Seminar (NOTE DATE) - Curia II

Speaker: P. Wu, National Taiwan University
Title: First Results from MAXIPOL and Status of AMiBA

3:30 p.m. Director's Coffee Break - 2nd floor crossover

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

Speaker: A. Gritsan, Johns Hopkins University
Title: Measurement of Alpha: Taming the Mischievous Penguin

Mon., December 18

2:30 p.m. Particle Astrophysics Seminar - Curia II
Speaker: M. Voit, Michigan State University

Title: Galaxy Clusters Scaling Relations and Cosmology

3:30 p.m. Director's Coffee Break - 2nd floor crossover

4:00 p.m. All Experimenters' Meeting - Curia II
Special Topic: Rapid Transfers to the Recycler

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

Weather



Mostly Cloudy 45°/31°

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

Profiles

Klemencic's dancing lights raise money for community



Joe Klemencic in front of his house. Click to see his light show. (Image courtesy of *The Courier News*.)

There's nothing inherently funny about 10,000 lights flashing to rock songs. But humor is all about timing, and it's the timing that makes Joe Klemencic's light show so good.

Klemencic runs his light display in front of his house through a laptop. The lights are rigged with 32 outlets and 40 extension chords, and they blink as if they are listening and dancing to the songs he plays. Each song took Klemencic between 8 and 40 hours to program. "You have to go through each song at 10 second intervals to say 'I want this light to go on, this one to go off, this one to blink exactly at this time'," said Klemencic, who is the computer security group leader at Fermilab. "These are songs that I used to enjoy, but now I just see the blinking lights when I hear them."

After Klemencic's Pingree Grove neighbors noticed his lights on Thanksgiving weekend, they realized the display could help raise money for the fire department's community awareness and education program. Pingree Grove is a small but fast-growing town; last year the population was about 120 people, today there are 1,700. "Being part of such a small town is fun, because you get to mold it, but also difficult, because you don't have many resources," said Klemencic. A neighbor offered to dress as Santa to add to the attraction, and the community has included a raffle for flying lessons, DVD players, and a child's fire truck ride with Santa Clause. So far they have raised 1,300 dollars. "It's nice to be

ILC NewsLine

On the road to developing U.S.-Indian ILC collaboration



Indus-II Accelerator at Raja Ramanna Center of Advanced Technologies (In View RF Cavities).

At the National Academies of Sciences' U.S.-India Conference in June 2006, U.S. Secretary of Energy Samuel Bodman delivered a speech about the benefits of U.S.-Indian collaboration on science and technology. Referencing the bilateral Agreement on Science and Technology, signed by the U.S. and India in October 2005 to establish a framework for the exchange of ideas, information, skills and technologies, Bodman encouraged collaboration between the two countries on the proposed International Linear Collider.

Following suit, in the end of October, Robin Staffin, Associate Director for HEP, DOE Office of Science, made a pilgrimage to India. Accompanied by Shekhar Mishra, a physicist at Fermilab, and Nigel Lockyer, a physicist at the University of Pennsylvania and newly appointed director of TRIUMF, the trio toured India's particle physics laboratories with a mission: strengthen ILC collaboration between the U.S. and India. After meeting with a number of Indian officials that included Kapil Sibel, the Science Minister of India, Thirumalachari Ramasami, Secretary for the Department of Science and Technology, and Satish Kulkarni, US Embassy Counselor of Science and Technology, their assignment took several steps closer to becoming a mission accomplished.

"India's science and technology base is very broad, and we are very excited about their capabilities," Staffin said. "We were very encouraged by their interest and enthusiasm. There is a long history of collaboration

[Secon Level 3](#)**Wilson Hall Cafe****Friday, December 16**

-Beef Pepper Pot
 -Buffalo Chicken Wings
 -Cajun Breaded Catfish
 -Sweet and Sour Pork over Rice
 -Honey Mustard Ham and Swiss Panini
 -Assorted Slice Pizza
 -Carved Turkey

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, December 20 Lunch**

Salmon and Spinach
 Wellington
 Mixed Greens with Radishes and Raspberry Vinaigrette
 Chocolate Cake with Raspberry Sauce

Thursday, December 21 Dinner

Chestnut Soup with Cognac Cream
 Lobster Tail with Champagne Butter Sauce
 Spaghetti Squash with Green Onions
 Spinach Salad with Pomegranates
 Raspberry Parfait with Assortment of Christmas Cookies

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[ILC NewsLine](#)**Info**

raising money to help those who protect us," said Klemencic.

You can catch Klemencic's live lightshow Fridays and Saturdays at his house in Pingree Gove through December.

--Siri Steiner

[Read more about the event and get directions to the light display](#)

Photo of the Day

Water on the what? TD's Sarah McCook took this picture in front of Wilson Hall. "No longer "Water on the ropes, but ice," she writes. (If you don't know what that means, [click here](#) and scroll down to "Behind the Name.")

In the News**Earth and Sky radio series, December 14, 2006:****Particle accelerator used in dark matter study**

This is a transcript of a recent radio interview between Earth and Sky host Joel Block and Fermilab astrophysicist Dan Hooper, author of the book "Dark Cosmos, in Search of our Universe's Missing Mass and Energy ."

JB: Like many scientists, physicist Dan Hooper – who works at Fermilab near Chicago – is a detective. He's looking for the missing

between the U.S. and India, and we hope that it can be continued."

[Read More](#)**Announcements****Classifieds out late today**

New classifieds will be posted at approximately 10:00 a.m. *Fermilab Today* regrets the delay.

Time sheets due early for the holiday

Some dates to keep in mind:

- Weekly time sheets for the week ending December 24 are due in Payroll by 10 a.m. on December 18.
- Revisions for the week ending December 17 are due in Payroll by 9 a.m. on December 18.
- Weekly employee pay dates for the week ending December 17 and December 24 will be December 21.
- For monthly paid employees, the December pay date will be December 21.

Telephone-based social engineering attack against Argonne Credit Union

An Argonne employee recently received a telephone message indicating that he needed to verify his account information by calling either of two phone numbers, one toll free the other direct. Neither of these phone numbers is associated with ACU, and ACU is not making these calls. If you receive such a request, do not call the number and do not give the requester any information. Save the message, or note the number they provide, and report it to the Argonne Credit Union using a phone number obtained from a reliable source, such as your monthly statement, telephone book, or the ACU web site.

Time to think about retirement plans

As the end of the year approaches, it is time to think about your retirement savings for the upcoming year. Effective January 1, 2007, the maximum amount that you can contribute to your 403(b) supplemental retirement account increases to \$15,500.

Employees that are age 50 or older, or who will turn 50 during 2007, may make additional catch-up contributions of up to \$5000.

If you want to change your contribution, you will need to complete an agreement for salary reduction form, which can be obtained from the Benefits Office.

If you have questions, please contact Scott Lindsey at extension 4362 or Mary Todd at

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

Send comments and
suggestions to:
today@fnal.gov

mass of the universe.

Dan Hooper: Just like in the solar system, you can tell how heavy the sun must be because of the speed of the planets revolving around it. You should be able to tell how heavy the galaxy is by looking at how fast stars revolve around it. And when we do that, we find that the galaxy is actually much, much heavier than all of the stars in it put together.

[Read More](#)

extension 4361.

Fermi Singers at Naper Settlement

Be sure to visit the [Naper Settlement](#) tonight, December 15. The Fermi Singers will perform from 9:00 pm to 9:30 pm. They'd enjoy seeing you!

[Upcoming Activities](#)