

Calendar

Friday, Feb. 20
3:30 p.m.
DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
4 p.m.
[Joint Experimental-Theoretical Physics Seminar](#) - One West
Speaker: Daniel M. Kaplan,
Illinois Institute of Technology
Title: New Experiments with
Antiprotons

Monday, Feb. 23
2:30 p.m.
[Particle Astrophysics Seminar](#)
- Curia II
Speaker: Jason Steffen,
Fermilab
Title: Detecting Additional
Planets from the Transits of
Known Extrasolar Planets
3:30 p.m.
DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
4 p.m.
All Experimenters' Meeting -
Curia II

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

Weather



Evening snow
27°/22°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Feature

Chicago goes dark for science: C2ST lecture Feb. 24



Particle physicist Joe Lykken (left), Fermilab; astrophysicist Rocky Kolb; and University of Chicago astrophysicist Michael Turner (on Lykken's shoulder), who served as moderator of the debate. *Photo: Reidar Hahn, Fermilab. Photo-illustration: Sandbox Studio*

Cosmologists have studied the sky and stars for decades, collecting more and more precise data.

And recently they have realized they don't know much.

The stars, planets, us—everything visible with a telescope—makes up only 1 percent of the universe. We can view another 3.5 percent—the hot gas left from cosmic explosions—with X-ray instruments.

That leaves nearly 95 percent of the universe a complete mystery.

Three prominent scientists: University of Chicago astrophysicist Rocky Kolb and cosmologist Michael Turner and Fermilab particle physics theorist Joe Lykken will explain this mystery and what it could mean to you during a lecture [Feb. 24](#) in Chicago.

The lecture takes place in the Blackstone Hotel, 636 South Michigan Ave., Chicago. A reception takes place at 5:30 p.m. followed by the lecture at 6 p.m.

Sponsored by the [Chicago Council on Science and Technology](#), the [talk](#) focuses on dark matter, which represents 24 percent of the universe and holds our galaxy together as well as dark energy, the other 71 percent of the universe. The repulsive gravity of dark energy

Ask the Ethicist

The ethicist within

Jameson Eisenmenger, senior staff attorney, wrote this column.

Last week an employee posed an ethical problem. This person authorizes several requisitions each week. This person's spouse holds a position with a vendor with whom requisitions could occasionally be placed. The employee was concerned that the spouse's position with the vendor could result in a conflict of interest if the requisitions are filled.



Jameson Eisenmenger,
senior staff attorney

This is a good example of an ethical dilemma and solution because the employee recognized a problem and took steps towards crafting a solution. First, the employee correctly diagnosed a potential conflict of interest. Under laboratory policy, placing requisitions with a company in which the employee's spouse plays a role could present an actual or apparent conflict of interest. View the policy [here](#).

Second, the employee promptly and proactively notified his or her supervisor. Third, the employee and supervisor developed an action plan to deal with the possible conflict. They agreed to elevate any requisitions with the spouse's company to the employee's supervisor. Finally, they discussed the potential conflict and proposed action plan with the Legal Office.

The employee thought to take these steps after reading the Ask the Ethicist column. The column triggered the ethicist within. If you have ethics questions, please contact the Legal Office at x3252 or e-mail questions to ethicist@fnal.gov.

Announcements

Friday, Feb. 20

- Smart cuisine: Italian vegetable soup
 - Teriyaki chicken
 - Southern fried chicken
 - Smart cuisine: Mediterranean baked tilapia
 - Eggplant parmesan panini
 - Assorted sliced pizza
 - Assorted sub sandwich

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, Feb. 25

Lunch

- Lemon & Herb Tilapia
 - Spinach Risotto
 - Blueberry Pecan Crumb Cake

Thursday, Feb. 26

Dinner

- Crab stuffed mushrooms
 - Speckled trout meuniere with meuniere sauce
 - Garlic cheese grits
 - Corn maque choux
 - Bread pudding with whiskey sauce

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

Info

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

Send comments and suggestions to:
today@fnal.gov

has led to the accelerating expansion of our universe in the last decade.

The trio gave a [similar talk](#) at the Smithsonian Museum in Washington, D.C. to rave reviews.

The lecture takes place in the Blackstone Hotel, 636 South Michigan Ave., Chicago. A reception takes place at 5:30 p.m. followed by the lecture at 6 p.m.

Seats for this program are free to C2ST members or by reservations for \$15 on a first-come basis. To sign up, please email info@c2st.org or call (312) 503-0891.

--Tona Kunz

In the News

Fermilab, European accelerator race for glory

From *Associated Press*, Feb. 19, 2009

So, does the Fermi National Accelerator Laboratory's Tevatron accelerator have a shot against the Large Hadron Collider in Switzerland?

It may not be the question all the boys at the end of bar are asking -- but it gets particle physicists psyched.

After all, the race is the one to find evidence of a hypothetical particle called the Higgs boson, better known as the "God Particle" because it is believed to give mass to matter that makes up the universe.

"This has been the holy grail of high energy physics for the last 30 years," said Joe Lykken, a senior scientist at Fermilab in the Chicago suburb of Batavia.

[Read more](#)

In the News

Latest Announcements

[On-site housing - Summer 2009](#)

[Arianna String Quartet Performs in Gallery Chamber Series - Sunday, March 8](#)

[The Pierre Auger Experiment - lecture by Dr. Angela Olinto - Feb. 27](#)

[Fermilab Arts Series Presents Solas - March 14](#)

[Fermi Singers perform Friday, Feb. 20, 12 p.m. in the auditorium](#)

[Altium Designer Lunch and Learn Seminar - March 17](#)

[Bulgarian Dance Workshop, March 19](#)

[URA visiting Scholars applications due March 20](#)

[Have a safe day!](#)

[URA visiting Scholars applications due March 20](#)

[Online Oxford English Dictionary now available site wide](#)

[Daycamp information and registration](#)

[Muscle Toning classes](#)

[Kyuki Do classes - March 30](#)

[Fermi Singers perform Friday, Feb. 20, 12 p.m. in the auditorium](#)

[NALWO - Mardi Gras Potluck Dinner - Feb. 20](#)

[Discount Tickets: World's Toughest Rodeo Presents Toughest Cowboy - Feb. 21](#)

[NALWO - Brown Bag Lunch Program - "Australia: Travels in the Land Down Under" - Feb. 24](#)

[English Country Dancing, March 1](#)

[Introduction to LabVIEW class](#)

Stars of cosmology

From *Scientific American*, Feb. 18, 2009

In part 1 of this podcast, cosmologists Alan Guth from M.I.T., Arizona State University's Lawrence Krauss, John Carlstrom from the University of Chicago, and Fermilab's Scott Dodelson discuss the state of cosmology--and the universe's possible dismal future--at a press conference at the annual meeting of the American Association for the Advancement of Science in Chicago on February 16.

[Listen to Part 1](#)

The cosmologists take questions in part two of this podcast.

[Listen to Part 2](#)

[offered March 5](#)

[NALWO - Adler Planetarium Trip - March 21](#)

[Child Care program offered - March 24](#)

[Conflict Management & Negotiation Skills class offered April 1](#)

[2009 standard mileage reimbursement rate](#)

[Additional Activities](#)

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