

Calendar

Friday, April 7

12:30 p.m. Theoretical Astrophysics Seminar - Special Edition Speaker: S. Rasanen (CERN)

Title: Accelerated expansion from structure formation

3:30 p.m. DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4:00 p.m. Special Lecture - Ramsey Auditorium

Speaker: M. Shermer, Skeptics Society

Title: The Science of Good and Evil

THERE WILL BE NO JOINT EXPERIMENTAL THEORETICAL PHYSICS SEMINAR THIS WEEK

Monday, April 10

11:00 a.m. Academic Lecture Series - Curia II

Speaker: S. Dodelson, Fermilab

Title: The Smooth Universe - Course 6 (3st Lecture)

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

Speaker: Y. Wang, University of Oklahoma Title: Dark Energy Search

3:30 p.m. DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4:00 p.m. New Result from CDF - Ramsey Auditorium

Weather



Chance of Showers **61°/39°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

All-Hands meeting today



Secretary of Energy Samuel Wright Bodman will visit Fermilab today. After a brief tour of the lab, he will hold an All-Hands meeting in Ramsey Auditorium at 11:00 a.m. Please plan to arrive by 10:45. Streaming video will be [available](#), but Fermilab employees are encouraged to attend in person.

Severe Weather Seminar with Tom Skilling tomorrow, Apr. 8

He's on TV each weeknight, and now you'll get to see him Saturday afternoon at Fermilab. WGN-TV's chief

meteorologist Tom Skilling will give his annual "Severe Weather Seminar" tomorrow in the Ramsey Auditorium.

Skilling and other guest speakers will describe

recent developments in severe weather warnings and give new perspective on past weather events. "People seem to like the seminar because we give our audience information they can really



Tom Skilling

Message about safety

Secretary of Energy Samuel Bodman expects DOE employees and contractors to work safely--he has made this clear in each his visits to DOE labs. In a recent letter, Office of Science director Ray Orbach echoed Bodman's sentiments: "I am transmitting to you the determined concern and expectation of the Secretary of Energy," wrote Orbach. "I expect all of us to make sure that all those on our sites follow rigorous safety rules with the finest equipment." The letter focused on electrical safety and arc flashes.



Ray Orbach

Orbach noted that a subcontractor electrician at ORNL received flash burns on his forearm and hand after drilling into an energized 480-volt cable last month; he wrote, "There is no excuse for deviation from prescribed electrical safety procedures."

Live equipment can produce electric shock or create an arc flash, which is why it is Fermilab policy not to work on energized equipment unless special precautions or approvals have been arranged. However, live, buried wires, as well as concealed wires above ground, can pose hidden arc-flash and electric shock risks to workers who are cutting and coring concrete. Fermilab policy requires all known electrical circuits or other utilities running through the coring/cutting area to be de-energized or isolated unless they have been positively

[Secon Level 3](#)**Wilson Hall Cafe****Friday, April 7**

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

[Upcoming Menu](#)**Chez Leon****Wednesday, April 12****Lunch**

- Barbecued Pork Ribs
- Braised Greens
- Carrots Marsala
- Vernazza Cake

Thursday, April 13**Dinner**

- Roasted Vegetable Salad w/Feta
- Veal Chops Oreganata
- Porcini and Tomato Risotto
- Swiss Chard in Garlic & Olive Oil
- Pear & Almond Strudel

[Chez Leon Menu](#)

Call x4512 to make your reservation.

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use," said Skilling. In the past, people have come from Iowa, Ohio, Michigan, Wisconsin and Indiana just to attend the Severe Weather Seminar---as many as 2,500 people come to the event.

Skilling has hosted the seminar at Fermilab every year for 25 years. He says that he enjoys the seminar because it allows him a rare chance to get together and "break bread" with other types of weather experts. "There's more to meteorology than what you see on TV," said Skilling. "It's great to get together with research and meteorology colleagues." The lineup this year includes a medical expert on lightning injuries, who will describe what happens to the body after lightning strikes and how to mitigate the effects, a warning coordination meteorologist, who will explain how to spot storms before they happen, the director of the NOAA storm prediction center, who will discuss the most recent developments in new weather-watch systems, and more. "It's a who's who of weather," said Skilling.

Skilling says that severe weather preparedness is getting more important every year in this region: "Cornfields are quickly turning into subdivisions," he said. "Some of the biggest tornados have touched down here in the past, and now they'll be touching down where people live. It's important that people in these new suburbs are prepared."

—Siri Steiner

The Seminar will be held in the Ramsey Auditorium on April 8, with two presentations, one at 12:00 and one at 6:00. The public is invited to attend, and there is no fee. It's recommended that you come early; seats fill up quickly.

located and are twelve inches or more in clearance of the cutting or coring activity. Given the difficulty of accurately locating embedded utilities, Fermilab workers must assume that live wires will be intercepted when considering protective measures for cutting and coring.

To help make cutting and coring safer, Orbach included a "lessons learned" report from the Verizon corporation that focused on methods they have considered for identifying live circuits. "Please take this opportunity to examine your facilities to be sure that your instrumentation is state-of-the-art for the detection of energized electrical circuits," wrote Orbach. "I hold myself and each of you responsible for the safety, including electrical safety, of everyone at your laboratory." Verizon's report has been passed onto the Electrical Safety Subcommittee and the Subcontractor Safety Subcommittee for possible inclusion in Fermilab's ES&H lessons learned program.

--Siri Steiner

ILC NewsLine**Students Selected for International Accelerator School For Linear Colliders**

More than 500 students applied to the International Accelerator School for Linear Colliders, which will be held in Sokendai, Hayama, Japan.

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

Send comments and suggestions to today@fnal.gov

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In the News

Chicago Maroon, April 4, 2006: DOE reprimands Argonne for nuclear safety violations

Argonne National Lab (ANL) received a reprimand last month for nuclear safety violations dating back to 1999, blemishing the University's stellar management reputation.

The Department of Energy (DOE) issued a preliminary notice of violation to Argonne on March 7 for a myriad of violations, including inadequate recordkeeping and safety precautions for radioactive material.

Argonne violated nearly all aspects of radiation protection and quality assurance programs, the DOE's enforcement office director Stephen Sohinki said.

"It is truly fortuitous that no one has been seriously injured as a result of the deficiencies addressed in prior reviews of ANL activities," Sohinki wrote in a letter to Argonne director Robert Rosner.

[Read More](#)

As the projected timeline currently stands for the International Linear Collider, the machine will start running in about a decade or so. While some physicists view retirement as a novel concept, ILC scientists and engineers must face the fact that the next-generation particle accelerator needs a next-generation of experts behind it. After the overwhelming response of applicants to the International Accelerator School for Linear Colliders, physicists can rest a little easier, knowing that a future generation of scientists is ready and eager to take the helm.

[Read More](#)

Announcements

NALWO Cooking Demonstration

Get ready for the NALWO cooking demonstration on April 24, from 10:00 a.m. to 2:00 p.m. at Chez Leon in the User's Center. Come learn traditional techniques and recipes as well as modern methods and tricks. Stay for lunch to taste the results! RSVP to SelithaR@hotmail.com or call 630-840-7769.

Power Outage

A major power outage will occur next Saturday, April 15. The outage will be from 7:00 a.m. to 5:00 p.m. and will affect the education center, MINOS and MiniBooNE. Please note that the education center will be closed for that day.

Professional Development

New classes are always being added to the professional development schedule. For the most up-to-date course offerings, go to [the webpage](#).

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

[Upcoming Activities](#)