

Calendar

[Have a safe day!](#)

Monday, April 26

2:30 p.m.

[Particle Astrophysics Seminar](#)

- Curia II

Speaker: Doug Spolyar,
Fermilab

Title: Dark Stars and Beyond

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting -

Curia II

Special Topics: SRF Beam

Test Facility at NML; T-1004:

Early Results from Crystal

Calorimeter in MTest

Tuesday, April 27

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Accelerator Physics and](#)

[Technology Seminar](#) (NOTE

LOCATION) - Curia II

Speaker: Rama Yedavalli,

Ohio State University

Title: Robust Control Systems

Research with Applications

[Click here](#) for NALCAL,
a weekly calendar with

links to additional
information.

[Upcoming conferences](#)

Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

Milestone

Irina Kubantseva retires



[Irina Kubantseva examines chemicals in Lab 6 in 2009.](#)

As part of her job, Irina Kubantseva scrutinized silver-dollar-sized plastic wafers and reflective chemicals in an area resembling a forensic laboratory.

She looked for clues that the material wouldn't work as a scintillating detector, which emits light to signal when a particle crosses its path. It's a crucial part of R&D, catching problems before industry starts manufacturing PVC for what will be the world's largest plastic detector, NOvA. Kubantseva, who worked at Fermilab for almost 11 years, checked her last PVC piece April 16.

"She was a very resourceful person who provided continuous, reliable support to our projects," said Anna Pla-Dalmau, leader of PPD's scintillation detector development group. "She had great attention to detail."

Because of her background in biochemistry, Kubantseva's work in the chemistry lab, especially on NOvA, was her favorite.

"She was eager to learn," Pla-Dalmau said. "She was always interested in learning to use a new instrument."

Along with the other three technicians in the chemistry lab, Kubantseva was also part of the preparation and quality control of extruded plastic scintillator for the MINERvA experiment at Fermilab, as well as for experiments in

ES&H Tips of the Week - Environment



Keep ticks at bay with a little preparation

Fermilab employees report that ticks have made their seasonal appearance at the laboratory, but with a little planning, you can still enjoy your time outside and stay healthy.



[The American dog tick lives on the Fermilab site.](#)

The American dog tick is the largest of the Eastern wood ticks and the most common type found in Illinois. They are most active during the months of April and May. American dog ticks don't carry Lyme disease, but they can transmit Rocky Mountain spotted fever.

Deer (or blacklegged) ticks, though rare in this area, can transmit Lyme disease. Due to the seriousness of these diseases, you should minimize the chance of receiving tick bites, even though the risk of infection due to tick bites is slight.

Here are some tips that will help you keep ticks off your skin:

- **Avoid** – Avoid deep woods and tall grasses. Stay on paths and mowed surfaces.
- **Cover** – Cover up your skin as much as possible. Tuck pants into socks, and long-sleeved shirts into pants. Wear light colors so you can spot ticks easily.
- **Repel** – Repellents help, especially for exposed skin and areas where ticks can enter clothing. Use DEET on skin and Permethrin on clothes.
- **Check** – Inspect your body periodically when spending time in tick habitats. Ticks often reside near ankles and waists, but they can crawl anywhere.
- **Remove** – Use sticky tape to remove unattached ticks. To remove embedded ticks, our Medical Office recommends the use of tweezers. Remove ticks as soon as possible, as the infection risk increases with

For information about H1N1, visit Fermilab's flu information [site](#).

Weather



Breezy
61°/37°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Monday, April 26

- Croissant sandwich
- French Quarter gumbo soup
- Sweet n' sour chicken w/ egg roll
- Santa Fe pork stew
- Country-baked chicken
- French dip w/ horseradish cream sauce
- Popcorn shrimp wrap
- Assorted sliced pizza

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, April 28

- Lunch
- Crab cakes w/ red pepper mayonnaise
 - Lemon orzo
 - Carrot cake

Thursday, April 29

- Dinner
- Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

Japan and Italy.

She's disappointed she won't get to see NOvA completed but plans to visit the detector's future home at the Minnesota-Canada border after moving to Minnesota to dote on a granddaughter.

Her co-workers, a tight-knit group, say they'll miss her conversations about music and her hometown, Moscow.

"We're a small group. We went out for lunches. We are friends," said Chuck Serritella, an operations specialist in the SDD group.

Serritella trained Kubantseva when she followed her husband, Mikhail, a retired DZero collaborator, to Fermilab. She started at SiDet, assembling detector parts under a microscope. It took a steady hand to align to within 2.5 microns small silicon wafers for DZero's silicon tracker and later to glue the wafers to the detector, prepare them for binding and help with quality inspections.

"She did some very precise work," Serritella said.

-- Tona Kunz

Photos of the Day

Skilling talks twisters at annual weather seminar



Meteorologist and local celebrity Tom Skilling, right, meets with members of the audience after the annual tornado and severe weather seminar at Fermilab on Saturday, April 10.

duration of attachment. Using the tweezers, firmly grasp the tick as close to your skin as possible and gently but firmly pull it straight out. Make sure you get all the mouth parts. Wash with soap and water. If you want help, the Medical Office can assist you.

-- Rod Walton, Fermilab ecologist

[Safety Tip of the Week Archive](#)

Accelerator Update

April 21-23

- Three stores provided ~30 hours of luminosity
- CUB column 3 offline for regeneration
- MTA-MuCool commissioning began
- Master substation work completed
- Recycler damper problem fixed

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Latest Announcements

[Toastmaster to meet in the cafeteria - May 4](#)

[Fermilab Arts Series presents Corky Siegel and Chamber Blues](#)

[Fermilab Arts Series presents Leo Kottke - May 8](#)

[English country dancing - May 2](#)

[Ask HR in Wilson Hall atrium - April 28](#)

[IMAP users: Configure your e-mail client by May 5](#)

[Thursday Phillips Park golf league](#)

[Celebrate National Humor Month](#)

[Heartland Blood Center needs blood types A-, B+, B-; reserves are very low](#)

[Sign up now for National Lab Day 2010](#)

[Argentine Tango through April 28 - student discount available](#)

[FORE! The 2010 golf season is about to hit you](#)

[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[CMS Result of the Month](#)[User University Profiles](#)[ILC NewsLine](#)[Info](#)[Fermilab Today](#)

is online at:

www.fnal.gov/today/

Send comments and

suggestions to:

today@fnal.gov

Visit the Fermilab

[home page](#)

The crowd at the seminar numbered in the thousands. Fans come from around the country every year to learn about recent severe weather. This was the 29th time Fermilab hosted the event.

[In the News](#)

One step closer to understanding dark energy

From *Discovery News*, April 23, 2010

According to the most precise cosmological models to date, dark energy is a mysterious repulsive "force" that makes up the majority of the total energy contained within the universe. And yet, we have no idea what it actually IS. The Lawrence Berkeley National Laboratory's Supernova Cosmology Project is helping us get a bit closer to the answer.

Type Ia supernovae (that's "type one aye") occur when a white dwarf star gobbles up too much mass from its less massive companion star and detonates, creating a massive explosion that can outshine a whole galaxy. An explosion occurs when the white dwarf hits a specific mass, so we know how bright these explosions should be.

[Read more](#)

[SciTech summer camps start June 14](#)[Butts & Guts class - sign up now](#)[Qi Gong, Mindfulness and Tai Chi Easy for Stress Reduction](#)[Blackberry Oaks Monday night golf league](#)[Calling all softball players](#)[Fermilab Management Practices Seminar classes take place in April](#)[ANSYS Mechanical Application classes - May](#)[Interaction Management class - May 5, 12 & 19](#)[AutoCAD Intermediate classes - June 22 - 24](#)[AutoCAD Fundamentals class - June 6 - 8](#)[Performance Review class - May 26](#)[Fermilab Functions class - June 2, 8 and 10](#)[Submit an announcement](#)