

## Calendar

### Wednesday, August 9

**11:00 a.m.** Fermilab ILC R&D meeting - Auditorium

Speaker: P. Oddone, Fermilab

Title: The Way Forward

**2:30 p.m.** Hadron Collider Physics Summer School Open Lecture - Auditorium

Speaker: R. Dixon, Fermilab

Title: Physics with Accelerators - 1

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

**4:00 p.m.** Fermilab Colloquium - Auditorium

Speaker: Y.-K. Kim, Fermilab/University of Chicago

Title: Passing the Baton: Tevatron-LHC Team

### Thursday, August 10

**2:15 p.m.** Hadron Collider Physics Summer School Open Lecture - Auditorium

Speaker: R. Dixon, Fermilab

Title: Physics with Accelerators - 2

**2:30 p.m.** Theoretical Physics Seminar - Curia II

Speaker: P. Hernandez, Universidad de Valencia

Title: Exploring the Origin of the  $I = \frac{1}{2}$  Rule in Lattice QCD

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

**3:45 p.m.** Hadron Collider Physics Summer School Open Lecture - Auditorium

Speaker: M. Shapiro, Lawrence Berkeley National Laboratory

Title: Simple and Compound Objects - 1

**4:00 p.m.** Accelerator Physics and

## Oddone to speak today

Today at 11:00 a.m. in the auditorium, Fermilab Director Pier Oddone will give a talk on the ILC titled "The Way Forward." Everyone is encouraged to attend.

## Wood nymph leads the way for pre-service teachers



Marlene Hahn stands in front of a quadrat, a device used to study an area in ecological research. The pre-service teacher will use her Fermilab research experience to bring a hands-on experience to her high school classroom.

To train for her job, Marlene Hahn summoned the help of Fermilab's common wood nymph--but not the fairy-like type from fantasy stories. The wood nymph is a butterfly that might reveal how different ways of treating prairie affect local wildlife. "I'm using the butterfly as a common indicator," Hahn said. As one of five interns in the Pre-Service Teacher program, Hahn will use her research experience at Fermilab to bring true-to-life science to her students.

Before the program ends this week, the group will finish a scientific paper, give a presentation on their findings and complete a series of lessons for

## From FESS

### Appreciating all the efforts

*This week's column features Randy Ortgiesen, head of Facilities Engineering Services Section.*

My observation over the past seven years with FESS, and certainly the last few years, has been that the lab is performing effectively. What I have not always appreciated until recently--within FESS, other divisions and



Randy Ortgiesen

sections, even the directorate--is how much effort, from so many different sources, goes into that performance. I have always been impressed with the skill and dedication of lab personnel as we have handled challenges ranging from site-wide water management to NuMI horn repairs, including all the behind-the-scenes support staff necessary to make it happen on time and on budget. This laboratory and URA bring expertise to planning, designing, building and operating one of the most sophisticated machines in the world.

Now is the time to recognize areas where we can improve our performance and efficiency to help prepare for the future of this lab. I spent two years in the military helping to develop and analyze data that helped to optimize operations. One of my largest and most immediate priorities here at Fermilab will be to ensure the laboratory is operating with the most

**Technology Seminar**

Curia II (note location)

Speaker: R. Johnson, Muons, Inc.

Title: Muon Beam Cooling for Colliders, Neutrino Factories, and Experiments

[Click here](#) for a full calendar with links to additional information.**Weather**Chance of Showers **81°/65°**[Extended Forecast](#)[Weather at Fermilab](#)**Current Security Status**[Secou Level 3](#)**Wilson Hall Cafe****Wednesday, August 9**

- Portabello Harvest Grain
- Santa Fe Chicken Quesadilla
- Teriyaki Chicken with Vegetables
- Beef Stroganoff
- Triple Decker Club
- Assorted Slice Pizza
- Pesto Shrimp Linguini with Leeks & Tomatoes

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, August 9****Lunch**

- Seafood and Avocado Salad w/Ginger
- Blueberry Pie w/Vanilla Ice Cream

**Thursday, August 10****Dinner**

- Seafood Salad
- Veal Saltimbocca
- Julienne of Peppers, Onions and Basil
- Hazelnut Cake w/Crème Anglais

students. "Our purpose is to have teachers work with scientists and incorporate that experience into their teaching style," said Ann Zuccarini, master teacher for the interns. "It completely changes the way they think about teaching science and gets kids to learn science by actually doing it."

While Hahn will teach biology at Adlai E. Stevenson High School this fall, the other interns will bring their experiences to earlier grade levels--a fact Hahn said is extremely important in science education. "Younger students need to be introduced to science to get them curious about the world around them," she said, "so when they get to teachers like me, they're still curious and excited about science."

Although Hahn is excited about beginning her teaching career, she says she'll miss the lab and the people she's met. "It's great this program is offered and the lab takes time to work with teachers," she said. "Fermilab is a great asset to us."

To learn more about Fermilab's Education Office and programs, visit the [Web site](#).

--Dave Mosher

**In Memoriam**

efficient and effective facilities organization.

I intend to do everything possible for the laboratory to continue to perform, well into the future. I look forward to working with each of you to make this happen.

**Milestones**

Paul Czarapata (above) is the new deputy head of the Accelerator Division. He replaced Peter Garbincius, who is working full-time on costing and scheduling for the ILC. "I'll be trying to strike a balance between keeping Run II going at top notch levels and trying to help with the ILC test areas at the same time," said 35-year Fermilab veteran Czarapata.

**Sister labs go head-to-head**

[Chez Leon Menu](#)

Call x4598 to make your reservation.

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Employee Bill Kellogg passed away on August 4 after a long battle with brain cancer. He was fifty years old. His mother, two daughters, a son and two sisters survive him.

Bill came to Fermilab in 1986 after serving 9 years in the Navy. He worked at the Bubble Chamber, with the former Experimental Area Cryogenics and Operations Departments, and then with the Accelerator Division Operations Department.

Bill often greeted fellow-employees, saying, "I think you're doing a great job." He did this with a twinkle in his eye and a sense of humor, which was how he dealt with everyone and everything in life. Bill was always busy; he studied massage therapy, beadwork, aikido, calligraphy, and graduated in 2004 with a BS in Computer Science. He tried to keep everyone around in good humor and he was always willing to help with any project. His crewmates miss him.

A memorial service will be held Thursday, August 10, at 7:00 p.m. at [The Healy Chapel](#), 332 W. Downer Place, Aurora. The family will receive friends from 4 p.m. until the service hour.

**In the News**

A friendly soccer match between Argonne National Laboratory and Fermilab took place Monday, August 7, on the soccer field in Fermilab's village. An emotional and entertaining game ended with a 4:2 score in favor of Fermilab. After the match, players of both teams mingled at the Users' Center. The game (which did not include Zidane-like head-butting) underscored the close ties between the two DOE national laboratories in Illinois.

**Announcements****Bowling League**

Fermilab's Wednesday night bowling league is looking for bowlers for a 30-week, 4-person league. All bowling abilities are welcome. Bowling starts on Wednesday, September 6, at 5:30 p.m. Interested individuals or teams should contact Al Legan x4074, or Robert Hively x4467.

**Lifeguards wanted**

The Recreation Office is looking for part-time and full-time lifeguards to fill in the last two weeks of the summer season. If you know certified lifeguards who might be interested, have them call Jean Guyer in the Recreation Office at 630-840-2548.

**Hadron Collider Physics Summer School**

Wednesday, August 9, marks the first day of the [Hadron Collider Physics Summer School](#). The first public lecture, titled "Physics with Accelerators," will be given by AD head Roger Dixon at 2:30 p.m. in the auditorium. You can see a [full schedule here](#). The lectures will also be available via [streaming video](#).

**[Upcoming Activities](#)**

## ***The Independent***

**August 8, 2006:**

**In search of the big bang: a cosmic event**

A cosmic event High up in the Chilean Andes, more than 5,000 metres above sea level, astronomers are building a telescopic "time machine" that promises to offer a glimpse of the moment the universe was created 13 billion years ago. Steve Connor reports from Chajnantor

A short walk in the vast, dry plateau of Chajnantor in the high Andes of Chile is an arduous and light-headed experience. Here the air is so thin that day trippers have to carry oxygen canisters to avoid the debilitating symptoms of altitude sickness.

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