

Calendar

Tuesday, October 17

8:30 a.m.-5:00 p.m. [Linear Collider](#)

[Forum of America](#)

11:00 a.m. Computing Techniques

Seminar - FCC 1

Speaker: D. Schissel, General Atomics

Title: Collaborative Technologies for Distributed Science: Fusion Science and High-Energy Physics

11:00 a.m. Academic Lecture Series -

(NOTE LOCATION) Curia II

Speaker: K. Ellis, Fermilab

Title: Course 1 - Introduction to QCD at Colliders: Parton Branching and Proton Structure

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

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wednesday, October 18

11:00 a.m. Special Particle Astrophysics

Seminar (Note date and location) -

Racetrack (WH-7XO)

Speaker: D. Poznanski, Tel-Aviv

University

Title: SN Progenitors and Rates from Low-Cost Surveys with No Spectroscopy

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

4:00 p.m. Fermilab Colloquium - 1 West

Speaker: P. Grannis, Stony Brook

University/U.S. Department of Energy

Title: To the Terascale – The ILC

Opportunity

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

In Memoriam

Simon Peter Rosen



Simon Peter Rosen, a leading theorist in elementary particle physics, an international authority on neutrino physics, and a director of major high energy and nuclear physics programs at the Department of Energy (DOE), died on October 13, 2006 at his home in Rockville, Maryland, after a courageous three-year battle with pancreatic cancer. He was 73.

At the time of his death, Dr. Rosen was Senior Science Advisor to the Director of the Department of Energy's Office of Science, a position he had held since 2003. He was Associate Director of High Energy and Nuclear Physics (HENP) in the DOE Office of Science from 1997 to 2003.

"Peter Rosen was a colleague and friend we shall all miss so very much," said Raymond L. Orbach, the U.S. Department of Energy's Under Secretary for Science. "He was an inspiration to all of us, for his dedication to science, his

Director's Corner

The World Comes Together



Pier Oddone with Britney--one of the LHC superconducting quadrupoles built at Fermilab

I am at CERN where I gave a presentation to the Scientific Policy Committee on the Fermilab program. The presentation was very well received and I had many questions about the physics reach of the Tevatron, the present neutrino program and the future of Fermilab. Ken Peach, the chairman of the SPC, was quite complimentary on the Fermilab program: he found it great but somewhat "worrisome"--the latter a compliment to the discovery potential of the Tevatron. This was also the one meeting a year of the SPC when every past member of the SPC is invited to attend--it was an opportunity for me to talk with many legendary figures in our field.

Lyn Evans, the LHC project leader, gave a report to the SPC. The progress over last year has been impressive. The machine will be ready for collisions late in 2007, albeit at only 900 GeV in the

WeatherLight Rain **59°/51°**[Extended Forecast](#)[Weather at Fermilab](#)**Current Security Status**[Secou Level 3](#)**Wilson Hall Cafe****Tuesday, October 17**

- Golden Broccoli & Cheese
- Cheesy Greek Squeeze
- Coconut Crusted Tilapia
- Spaghetti with Meatballs
- Toasted Almond Chicken Salad on Croissant
- Grilled Chicken Caesar Wrap
- Assorted Slice Pizza
- Chicken Fajitas

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, October 18**

- Northern Italian Lasagna
- Romaine & Endive Salad w/Olives & Lemon Vinaigrette
- Poached Pears in Red Wine

Thursday, October 19**Dinner**

- Curried Pumpkin Soup -Grilled Duck Breast w/Fig Sauce -Wild Rice w/Pecans
- Brussels Sprouts w/Lemon & Bacon - Apple Walnut Strudel

[Chez Leon Menu](#)

Call x4598 to make your reservation.

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commitment to students and learning, his courage in the face of a terrible cancer, and most of all his humanity and thoughtfulness. His love of science infected all who were privileged to work with him. A deep religious belief combined with a remarkable intellect moved his science onto a higher plain of meaning and significance. My grief is shared by all who knew and loved him. I offer my deepest condolences to his dear family.”

The DOE Office of Science is the single largest supporter of basic research in the physical sciences in the United States, providing more than 40 percent of total funding for this vital area of national importance, and it is the principal federal funding agency of the nation's research programs in high-energy physics and nuclear physics. As Associate Director of HENP, Dr. Rosen oversaw an annual budget of \$1 billion.

[Read more](#)**In the News**

Naperville Sun,
October 15, 2006:
Vision event excites youngsters about science, technology A look to the future

Sheila Woods has attended all of Naperville's 175th anniversary celebration events. From the electric parade Jan. 1 to the closing Vision event held Saturday in Frontier Park, she's been to them all and said this was the perfect way to end the celebration, yet look to the future.

"It's unique because it's all about education and that's No. 1," Wood said.

Exhibits from the U.S. Department of

center of mass. In many ways the experimenters have learned to love the early run at 900 GeV where they are guaranteed to discover nothing and therefore will be able to concentrate in debugging the detectors systematically without the worry of being scooped.

Tejinder "Jim" Virdee, the spokesperson elect of CMS, showed me how CMS is coming together. We also had the opportunity to discuss how Fermilab--a major institution within CMS--can be integrated and be most helpful to the collaboration as we start the physics program. It is great to see the Fermilab people at CERN and the integration of the many components built at Fermilab into this magnificent facility. The level of enthusiasm and anticipation by the scientists from all the many nations that are commissioning the CMS detector is truly inspiring.

Accelerator Update**October 13 -16**

- The Tevatron magnet replacement continues
- NuMI resumed taking beam, but problems continued
- Booster power supply troubles
- Carbon debris found in TeV beam pipe
- LCW leak found in Pbar's AP2 transport line
- Pbar runs beam to dump

[Read the Current Accelerator Update](#)[Read the Early Bird Report](#)[View the Tevatron Luminosity Charts](#)**Announcements**

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Energy, Exelon and Nicor were featured in the Technologies of the Future tent. Woods' son, John, 9, took a special interest in the Space Camp exhibit, especially the 13-foot inflatable astronaut suit, TOPS. Davis said....

....Fermilab's exhibit elicited a similar interest from children and adults alike who crowded around the liquid nitrogen experiment. At about minus [196] degrees Celsius, a metal knife blade was bent and golf ball turned solid when immersed in the liquid nitrogen. And when liquid was poured into a cylinder and corked, the crowd jumped as the cork blew off, hitting the top of the tent.

"That was cool, let's do it again," Jonathan Bonaguro, 8, said.

Sue Dumford, a retired English teacher from Naperville Community School District 203 and now a docent with Fermilab's Lederman Science Center, said that is what she likes to hear.

"The purpose is to just get kids excited about science," she said.

"Sometimes they don't even know they are doing science, which is fine. We don't care; we just want them to have fun," Dumford said.

[Read More](#)

Scottish Country Dancing

Scottish Country Dancing will meet Tuesday, October 17, at Kuhn Barn. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. Info at 630-840-8194 or 630-584-0825 or folkdance@fnal.gov. Plan ahead to join them for a combined Scottish and International dance Halloween party on Tuesday, Oct. 31, at the Barn. Costumes and treats are optional.

A new Golf League location?

The Fermilab Golf League has an opportunity to run a summer league at Arrowhead Golf Club (on Butterfield Road in Wheaton) Tuesdays at 4:30 p.m. or Wednesdays at 5:07 p.m., starting in 2007. If you might be interested in joining this league, please send an e-mail message to Mike Matulik (matulik@fnal.gov). If there is sufficient interest, a meeting will be held to determine the details. If, after considering the details, there are enough interested golfers to warrant league play we will contact Arrowhead and make final arrangements. According to Arrowhead, the times are not held for us and may be given to another league at any time. Please send your message indicating interest to Mike by Oct. 27, 2006.

Symmetry delivery

We have updated the Mail Stop information for *Symmetry* subscribers at Fermilab. If your subscription to *Symmetry* is still delivered to a wrong Fermilab Mail Stop address or if you no longer would like to receive a print copy of *Symmetry*, please inform Judy Treend

by sending an email to treend@fnal.gov.

[Upcoming Activities](#)