

FERMILAB NEWS

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DEPARTMENT OF ENERGY TO HOLD ENERGY MANAGEMENT SYMPOSIUM AT FERMILAB

The U. S. Department of Energy will hold its fifth annual Energy Management Symposium here Oct. 17-19.

An in-house energy management program, the symposium date was selected to coincide with the first International Energy Conservation Month. The month--October--is being observed worldwide.

"As in past years, the symposium is intended to help the department in the management and conservation of energy in its own facilities," said Donald A. Koss, acting director of the Office of Construction and Facility Management. "We are including speakers from private industry as well as from the department and its contractors."

His office, along with the DOE Chicago Operations and Regional Office, have overall responsibility for the symposium. Nearly 300 persons are expected to attend the symposium that opens with registration at 8:30 a.m. Oct. 17.

Dr. Leon Lederman, Fermilab director, will give the welcoming remarks at 9:25 that morning. Robert H. Bauer, manager and regional representative of the Chicago Operations and Regional Office, will follow with the symposium's introductory remarks.

Dr. Maxine Savitz, deputy assistant secretary for conservation and solar applications, will give the keynote address. Her talk will begin at 9:45 a.m.

Another major speaker will be John Deutch, DOE undersecretary. He will address participants at a banquet Thursday, October 18, at 7:30 p.m. at Pheasant Run. Fermilab employees are invited to attend the opening session of the symposium. Reservations for the banquet can be made at the registration desk.

Speakers at the three-day program will cover a varied spectrum of topics that include management of energy resources as well as the different types of energy sources

that today are being used and evaluated. Workshops will take participants deeper into specific topics.

More specifically, some of the major subject areas are: energy management; design standards, analysis and guidelines; energy monitoring and control systems; energy conservation, fuel use; solar energy; geothermal energy; and transportation, including an in-depth look at gasohol as it is being used at DOE facilities. Bruce Chrisman, Fermilab business manager, will speak about the gasohol fleet's performance record at Fermilab.

Dr. Karel Klima of the Engineering Support Division of the Chicago Operations and Regional Office, will serve as the session chairman the morning of Oct. 17. Larry James, energy management engineer with the Office of Construction and Facility Management, will be the session chairman that afternoon.

The symposium will close at approximately 12:30 p.m. Oct. 19.

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INTERNATIONAL ENERGY CONSERVATION MONTH

The United States has joined 19 other major industrialized nations in sponsoring October 1979 as International Energy Conservation Month.

During the month, each member of the International Energy Agency (IEA) will sponsor special events and programs designed to share information, exchange technical and practical knowledge and encourage the government and citizens to adopt energy conservation practices. These October activities also will stress how major industrial nations are cooperating in conservation measures.

The IEA was organized in 1974 and has its headquarters in Paris. One of its major goals is to emphasize conservation as a means of reducing dependence on imported oil.

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Proclamation

WHEREAS The 20-member countries of the International Energy Agency, including the United States, have designated the month of October, 1979 as International Energy Conservation Month, and

WHEREAS the President has proclaimed the full support of the United States in this observation, and

WHEREAS the scientific work of the Fermi National Accelerator Laboratory requires the extensive use of electrical energy as well as petroleum products, and

WHEREAS the staff and the experimenters at Fermilab are mindful of our dependence on adequate energy supplies to pursue our research,

NOW THEREFORE, I, LEON M. LEDERMAN, DIRECTOR OF THE FERMI NATIONAL ACCELERATOR LABORATORY, DO PROCLAIM

the full support and cooperation of the resources, the people, and the facilities of this institution to the observance of International Energy Conservation Month.

I urge everyone at the Laboratory to give sober, serious consideration to all ways in which we might contribute to the conservation of our country's resources.

I also call upon Fermilab people to participate in the Energy Awareness Conference, sponsored by the U. S. Department of Energy, at Fermilab on October 17, 18, 19, to the end that an exchange of conservation techniques will contribute to this goal.

IN WITNESS WHEREOF I hereunto set my hand this first day of October Nineteen hundred seventy-nine.

s/ LEON M. LEDERMAN



...Sarwark...

Stanley F. Sarwark, district manager for Commonwealth Edison Co., will give the first Sigma Xi lecture of the 1979-80 season Oct. 19 at Fermilab.

His lecture, which is free and open to the public, will examine "Energy Sources for the Future." It will begin at 8 p.m. in the Central Laboratory auditorium.

The talk will last about one hour and will consist of one-half hour of slides. "The discussion touches on the Three Mile Island event and its impact on nuclear energy," Sarwark said. "Material for the presentation was assembled from all appropriate departments at Edison and associated research arms of our industry."

Oct. 19, according to Sarwark, is the 100th anniversary of Edison's invention of the first practical incandescent lamp, and consequently is most appropriate for a discussion of energy sources.

More specifically, "my presentation will be an overview of our present energy sources nationally and locally and an analysis of alternative sources, most prominently solar. Effects of conservation in the home as well as in offices and factories will be studied.

"The future of nuclear power, now supplying nearly half of the electric energy being used in northern Illinois, will be examined along with progress on the breeder reactor and fusion technology. While technical issues will be explored in some depth, social issues, which are an integral part of the solution to the energy problem, also will be addressed."

Sarwark has a bachelor of science degree in agricultural engineering from Purdue University and has continued his studies at Indiana University, University of Idaho and Stanford University.

The local Sigma Xi chapter is under the auspices of research and scientific personnel from the Amoco Research Center, Fermilab and Wheaton College. Sigma Xi's aim is "to encourage original investigation in science, pure and applied."

MARTIN AND SHEPERD PADDLE TO VICTORY

1:25 p.m. The first one blasted off.

Splash. Splash.

Fermilab's fifth annual great canoe race had begun under a blue sky of thin white clouds and temperatures in the low 70s.

Fifty minutes and 25 seconds later. Splash. Splash.

The winning canoe came home, rowed by John Martin, a post doctoral researcher, and Bob Sheperd, a graduate student, both of the University of Toronto. They are here working on Experiment #516.

Sheperd, obviously elated at being the possible winner (other canoes were still to come in) said, "We had a perfect run." Their winning time was only five minutes and six seconds off the world record time set in 1976 by George Luste, a physicist with the University of Toronto, and John Cumulat, now with Fermilab.

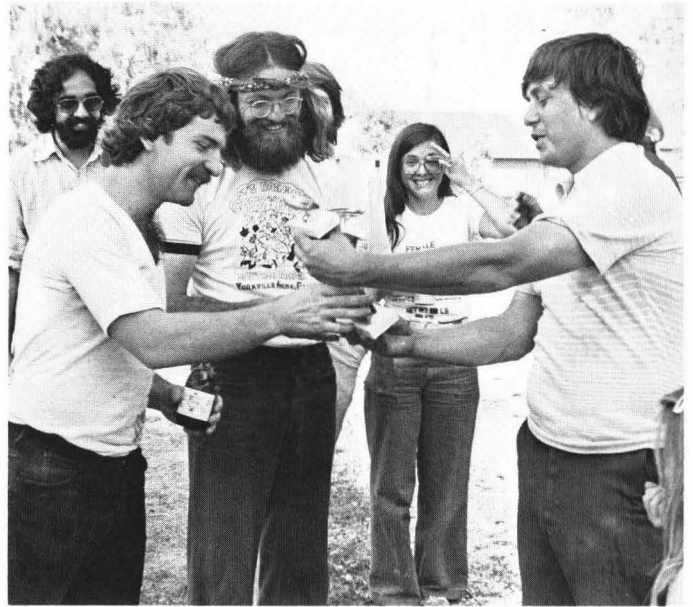
The nine canoes, each with two paddlers, were racing against the clock. Finishing in second, a scant 55 seconds behind the winners, was the team of Leon Lederman, Fermilab director, and Luste. Luste, by the way, was one of the winners last year.

Lederman, soaking wet and with one shoe dangling from his hand, explained to the group that had gathered about him that if it had not been for his shoe--the one he was holding--getting stuck in mud on one portage, he and Luste possibly might have posted the winning time. He added that he had thought about leaving it in the mud, but he wasn't quite sure what the rules were and didn't want the team to be disqualified because it came in with one less shoe than it had started out with. Anyway, he also said the difference in their times was "statistically insignificant."

Yet, ironic as it is, the person who founded and organized the canoe race didn't set one foot in a canoe all afternoon. That's Larry Allen, an operation's specialist. His wife, Elaine, recorded the times, and their daughter, Patricia, 6, helped dispense refreshments.

The other teams and their times:

Steve Errede and David Baily, 51:50;
Dan Owen and Darrell Roberts, 56:07; Joel



...Surrounded by admiring fans, Bob Sheperd accepts the winner's trophy from Larry Allen. Sheperd's teammate John Martin (with bandanna around forehead) shares the moment of victory...



...Weary, wet and shoeless, a competitor climbs ashore at the finish line...

Meissner and Todd Mouken, 60:14; Dave Hanssen and Paul Brindza, 60:26; Gert Hartman and Dave McFarlane, 66:33; Charles Bonham and Charles Bonham Jr., 69:34; and David Harding and Criss Olsewski, 77:55.

Others helping Allen and his family run the race were Mark Koenig, Jim Garvey, Howard Pfeffer and Dave Miniz.

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URA SCHOLARSHIP HOPEFULS MUST TAKE ACT

Universities Research Association wants to remind children of Fermilab employees that to be eligible for a URA scholarship they must have taken the American College Test (ACT).

A son or daughter who will begin a four-year college program in the fall of 1980 is eligible to compete for a URA scholarship of up to \$2,000 for each of four years. The students will be selected on the basis of their ACT assessment scores.

"Although applications are not due until March 1980, students are encouraged to take the ACT this fall," said Ruth Christ, assistant personnel manager in charge of training, benefits and employee relations. "High school counselors have the necessary information about testing dates and application procedures. Since the tests are given only on specific dates, arrangements should be made as soon as possible."

Information about URA application procedures will be announced at a later date, she said. Christ can be reached at Ext.3793.

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NURSERY SCHOOL STILL HAS OPENINGS

Playgroup, the cooperative nursery school sponsored by NALWO, still has openings for youngsters 3 and 4 years old. Parents who are interested in having their children attend the school have been asked to call Margo Cooper at 879-8547 or Barbara Jonckheere at 879-1283.

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ABSOLUTELY NO HUNTING ON FERMILAB SITE

With hunting season nearing, Bob Armstrong, Fermilab security chief, has a reminder:

"Absolutely no hunting is allowed on the Fermilab site," said Armstrong. "No firearms of any nature are permitted on the site. Bows and arrows also are not permitted. We have no areas on the Fermilab site in which hunting is allowed."

Armstrong also said, "Violators will be prosecuted."



...Tom Corcoran (third from left), U. S. Republican Representative from the Illinois 15th Congressional District, listens intently as Bill Fowler (fourth from left), head of the Superconducting Magnet Section, explains the operation of the helium liquefying plant. Corcoran was touring energy facilities throughout Illinois. From the left, others are Al Hobbs, an aide to Corcoran, John Colson, Hank Hinterberger and John McCook...

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OKTOBERFEST ONLY EIGHT DAYS AWAY

Mark your calendars for Oct. 19.

It's Oktoberfest time, and it'll happen from 5:15 to 10:30 p.m. at the Village Barn.

From 6 p.m. on for \$1, Oktoberfesters can feed on bratwurst, sauerkraut and German potato salad. Pop corn, peanuts and pretzels also will be available as well as a variety of beverages.

German music and music by the Windjammers, known for their contemporary music with a touch of brass, will fill the ambiance.

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