

FERMILAB NEWS

 **Fermilab National Accelerator Laboratory**

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FERMILAB BIKE-A-THON SEPTEMBER 17

What's 20 miles around and fights cancer?

The first Fermilab/American Cancer Society "Bike-A-Thon"! It will be held Sunday, September 17, from 1 to 6 p.m. in the Main Ring. Laboratory employees, visitors, family members and the public are invited to pedal - to battle cancer.

Fermilab is sponsoring the event in cooperation with the South Kane-Kendall County unit of the American Cancer Society. The Bike-A-Thon route will be around the four-mile Main Ring of the world's largest atom smasher. Bike-A-Thon officials ask bikers to aim for 20 miles.

Dr. Eugene Fisk, assistant head of the Fermilab Physics Department, is chairman. All funds raised, he said, will go to the Cancer Society to sponsor cancer research; to provide services to about 600 cancer patients in the Fox Valley area; and to provide public education about cancer.

Other Laboratory participants are: Peter Koehler, physicist and Batavia alderman, who is organizing an aldermen's team; Emergency Services, coordinating security; and Public Information, arranging publicity.

Prizes will include:

--A 10-speed bike for the person who raises the most money.

--A "Fermilab Challenge Cup" for the team who scores the most points (total miles multiplied by total pledges). The cup will be engraved and kept by the winning team until next year. Employees and organizations are challenged to form teams to compete for the cup.

--Trophies for the person who gets the most pledges; person who pedals the most laps; oldest biker; youngest biker; team that gets the most pledges; team that



...G. Fisk, Assistant Head, Fermilab Physics Department, is Bike-A-Thon Chairman...



BIKE-A-THON

goes the most laps; and best dressed team.

--Bike-A-Thon tee shirts for bikers who turn in \$50 or more.

--Bike-A-Thon patches for bikers who turn in \$10 or more.

According to Fisk, the Bike-A-Thon proceeds will help the Cancer Society conduct research focusing on cancer causes, treatment and prevention. "Another major goal of the American Cancer Society," he said, "is to reach every home and every family with a life-saving message through public education programs.

"For cancer patients and their families whose lives have been touched by the disease, the Society offers help including
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BIKE-A-THON (Continued)

stockroom equipment, dressings, transportation for therapy and rehabilitation programs. When cancer strikes, the Society helps," Fisk said.

Bikers will get sponsors and collect pledges--a specified amount for cycling 20 miles--before the event. Sponsor sheets are available at Fermilab, Ext. 3203; Colonial Ice Cream Shops in Batavia, Geneva and St. Charles; participating McDonald's Restaurants; and ACS South Kane-Kendall County office at 321 James St., Geneva.

Complimentary refreshments for bikers will be provided by Colonial and McDonald's.

The event is free and open to spectators.

In 1978, about 390,000 Americans will die of cancer, Society officials say. Yet they add, there is a hopeful side. Of two major cancers, one is largely preventable and the other highly curable. Eighty percent of lung cancer could be prevented by eliminating cigarette smoking--cause of one-fourth of all cancer deaths.

Nearly two-thirds of colon-rectum patients could be saved through early diagnosis and prompt treatment, the Society says. More than half of all cancers are cured with current knowledge. The hunt for the others continues, including research at Fermilab's Cancer Therapy Facility where a new type of radiation therapy--neutron therapy--is being offered in an experimental program. The CTF will observe its second anniversary in September.

To register or for more information call the Geneva office of the Society at 232-7711.

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NEW ARRIVALS

Congratulations to:

Linda Kay and John Hawkins (Proton) on the birth Aug. 21, of daughter Tori. She weighed in at 6 lbs. 13 oz. at Good Samaritan Hospital, Downers Grove. Tori joins a brother, Joshua, 16 months.

Susan and Joel Misk (Internal Target) on the arrival of Sabrina on Aug. 25. The couple's second daughter joins Heather, 5, and weighed 6 lbs. 13. oz.

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HOLIDAY NOTICE

Fermilab offices will be closed Monday, September 4, in observance of the Labor Day Holiday. It is the fourth of nine holidays to be observed by the Laboratory during 1978.

Cafeteria hours on September 4 will be: Breakfast--8:00 a.m. to 10:30 a.m. and Lunch--11:30 a.m. to 1:30 p.m. Dinner will not be served.

Jo Baaske, payroll supervisor, reminds weekly employees that the regular time sheet mail run will be made on Friday, September 1, at 10:30 a.m. due to the holiday.

Regular visiting hours for self-guided tours will be observed. Visitors may tour the atrium floor and 15th floor exhibit area from 8:30 a.m. to 5 p.m. weekdays. A self-guided tour brochure and other literature is available at the atrium reception desk.

Other 1978 holidays are: Thanksgiving Day, Thursday, Nov. 23; day after Thanksgiving, Friday, Nov. 24; Christmas eve, Friday, Dec. 22; Christmas Day, Monday, Dec. 25; and a floating holiday, a workday selected by the employee with prior approval from the supervisor.



BOUQUET TO RECEPTION HELPERS

Special thanks go out to the many (too many to list) persons who assisted at the Aug. 17 reception for Dr. E. L. Goldwasser. The farewell for Fermilab's departing deputy director benefited from the hands of many volunteers who baked and served refreshments and assisted in other ways.

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SECOND CHINESE DELEGATION BEGINS RESEARCH

A second delegation of accelerator specialists from the People's Republic of China has begun studies at Fermilab as part of a collaboration program between Fermilab and the Institute for High Energy Physics of the Chinese Academy of Sciences. The collaboration program resulted from an invitation extended by former Fermilab Director R.R. Wilson to Dr. Chang Wen-yu, Director of the Institute, during Wilson's visit to Peking in 1974.

A four-man team has replaced the 10 Chinese physicists that lived and studied on site from May through July. The visitors, specialists in accelerator design, were the first Chinese to conduct extended studies in the U.S. From Fermilab, the group traveled to Brookhaven National Laboratory (N.Y.) for a one week visit. Five members stayed on for 3 more weeks for further discussions.

From Brookhaven, one of the 10 returned to Fermilab to join the new group of four. He is Dr. Chen Sen-yu, a specialist in magnet lattice design. Leading recent arrivals is Dr. Chu Fu-Chuen, a specialist in ion source and preaccelerator equipment.

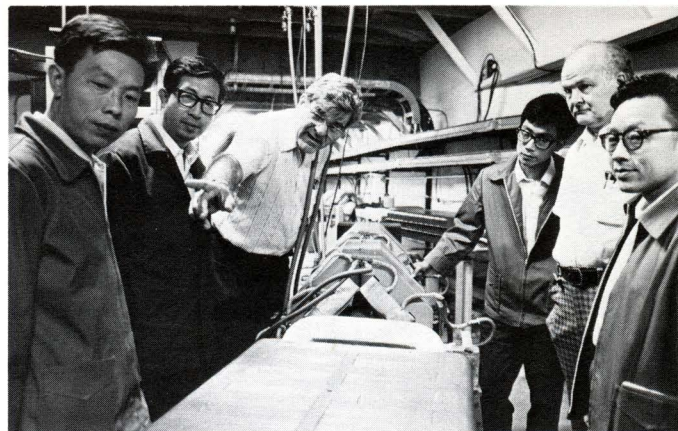
Other team members are: Dr. Chou Chi-kang, associate group leader, a specialist in equipment for injection and ejection; Dr. Tang Chen, beam monitors and measurements specialist; and Dr. Liu Te-kang, automatic controls specialist.

L.C. Teng, Fermilab associate head for advanced projects, arranged both visits. He said the new group will work and study here from six months to a year.

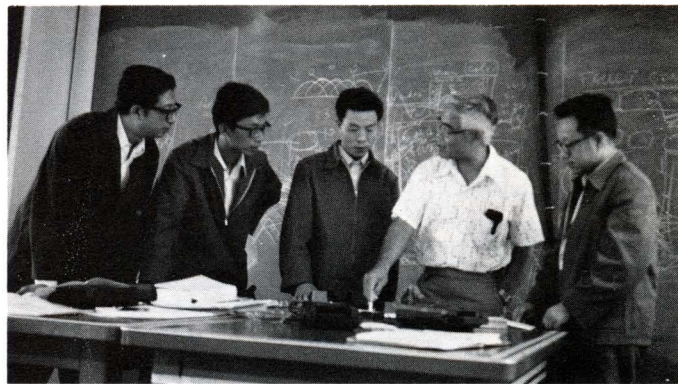
The People's Republic of China plans to build a proton accelerator near Peking. Of 30 to 50 billion electron volts (GeV) energy, the accelerator would enable Chinese scientists to conduct high energy physics studies.

The quartet of newcomers, Dr. Teng said, is now working with Fermilab scientists to commission the electron cooling ring. The visitors are learning various aspects of launching a new accelerator, he said, and will be assigned by personal speciality to other groups when this phase of work on the cooling ring is completed.

Like the first group, the experimenters will take English lessons while doing high energy physics work. In addition, some of



...At cooling ring L-R are: C. Chi-kang, T. Cheng, F. Mills, L. Te-kang, D. Young, C. Fu-Chuen...



...Fermilab's L.C. Teng (second from right) briefs visitors...

the latest visitors are learning the "rules of the road" in a driving class.

"An unqualified success" was how Dr. Teng rated the premiere group's experience here. The accelerator design specialists, he said, collected many suggestions, technical information and materials to plan the Chinese machine. "They accomplished a lot," Dr. Teng said, noting that the designers made significant improvements to their proposed design.

Working day-to-day on a functioning accelerator probably meant more than all their previous reading, study and discussion "in the abstract".

"The most important experience we passed along concerned the style of accelerator design/construction." Dr. Teng said, "They learned that the design of an accelerator is continually modified during construction and even after operation. Accelerator technology being on the forefront of development, is constantly evolving and advancing; and the demand by the physics research program on the accelerator operation is forever changing and expanding."

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FAMILIES, GUESTS TOUR FERMILAB

Employee family members, friends and others joined in "Family Day" guided tours of Fermilab held on August 18 and 25. Arranged by the Public Information Office, the tours opened with a general slide lecture and then followed a walking route. Above guide Kris Filman gives an orientation.



M. Pressler

CONCERT TICKETS AVAILABLE

Tickets are available for the Saturday, September 9, appearance at Fermilab of the "Fine Arts Quartet."

The quartet will perform at 8:30 p.m. in the Fermilab auditorium. Guest pianist Menahem Pressler will be featured. The program will comprise works by Beethoven,

Brahms and Bartok.

Pressler has devoted the last 20 years to building the "Beaux Arts Trio" into a world famous ensemble. He has been equally successful as soloist with almost every major orchestra in the western world.

Reservations are available in the Guest Office, CL-1W/Ext. 3124 or 3441. Admission is \$4 per person.

FERMILAB TV FEATURE

See us on the "Quark Hunters" at 10:30 p.m. Sunday, (Sept. 3). CBS (Channel 2) will rebroadcast a "Two on Two" segment featuring Fermilab and the E-288 team that discovered the "Upsilon" quark.

JOGGERS: A SHOWER FOR YOU

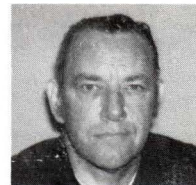
A shower facility has been installed for Fermilab employees and visitors who are joggers.

The facility is at the White farm on Eola Road, between Batavia Road and Butterfield Road. The Site Patrol formerly occupied the building. Hours are 8 a.m. to 5 p.m. weekdays. Saturday and Sunday, the Site Patrol should be contacted to gain entry.

The Administrative Division project was set up by Willis French (Facility Operations).

HAROLD MINSTER RETIRES

Harold Minster (Machine Shop), a 10-year Fermilab employee, retired Aug. 27. He had been on Long Term Disability since 1976.



Starting as a repair machinist, Minster became an instrument maker in July, 1968, and was promoted to working foreman in March of 1970. He held that post until he was disabled in March, 1976.

Minster and his wife, Helen, reside in Boyton Beach, Fla. They have a daughter, Holly.

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CORN ROAST CONTEST RESULTS

NALREC held its first annual corn roast Friday with buffalo chip throwing and hog calling contests for employees.

Don Staley (Support Services) won the men's division trophy in the chip toss with a heave of 160 feet. Winning the women's trophy with a throw of 78 feet was Sue Weber. Based on crowd applause, Everett Snyder was awarded the hog calling contest trophy.

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