

FERMILAB NEWS

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FERMILAB HOSTS CHINA SCIENCE DELEGATION

A delegation of ten high-ranking science administrators from the People's Republic of China toured Fermilab during the last week of October.

Fermilab was among six Chicago-area sites on the visitors' agenda. The group, nine men and a woman, was part of a 16-person delegation touring the U.S. at the invitation of the Committee on Scholarly Communication with the People's Republic of China, a private group affiliated with the National Academy of Sciences.

Wen Yu, secretary-general of the Chinese Academy of Sciences, led the group who represented the Chinese Academy of Sciences, the State Scientific and Technological Commission, the State Planning Commission, and the Scientific and Technical Association of the People's Republic of China.

With Wen Yu were: Wen-yu Chang, delegation deputy chairman and director of the Institute of High Energy Physics, Academy of Sciences; Ping-chang Chung, scientific personnel administrator, Academy of Sciences; Hsiao-hui Chuang, director, Shanghai Institute of Cell Biology, Academy of Sciences.

Also, Hsuan-ping Yeh, leading member of the Third Bureau, State Scientific and Technological Commission; Kun-yi Huang, leading member of the International Department, Scientific and Technical Association, and Chi-heng Hu, deputy head, Institute of Automation, Academy of Sciences.

Other members of the delegation were: Ku-liang Yen, staff member of the Planning Section, State Planning Commission; Hsuan Chu, delegation secretary and staff member, Academy of Sciences, and Ming-te Li, delegation interpreter and staff member, Bureau of Foreign Affairs, Academy of Sciences.

At Fermilab, the visitors began activ-

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...Wen Yu (L), leader of visiting group from People's Republic of China, and Lee Teng of Fermilab, view Central Lab Atrium...



...L. Lederman, Director Designate, extends Fermilab welcome to PCR visitors...

CHINA SCIENCE DELEGATION (Cont'd)

ities with a briefing hosted by acting director Philip V. Livdahl. Lee Teng, associate head for advanced projects in the Fermilab Accelerator Division, described Fermilab facilities and operations. Led by Livdahl, the group then visited the Central Laboratory's atrium, auditorium, computing facility and 15th floor exhibit area. After lunch, Research Division head John Peoples outlined experimental facilities. The Energy Doubler/Saver Project was explained by William Fowler, head of the Energy Doubler Magnet Division.

A part of the PCR delegation then toured these areas, while the principal members of the delegation engaged in a detailed discussion on the policy, administration, and organization of scientific research with Fermilab directors.

During their month-long visit, the delegation visited research institutions in universities, government agencies and private enterprise in Washington, D.C., New York, Boston, Chicago, Los Angeles and San Francisco.

The science experts came to study science policy, the structure of scientific research, organization and administration of scientific and technical personnel. Similar Chinese delegations are also visiting European countries to study scientific research activities there.

A spokesman said China is embarking on an ambitious campaign to catch up with advanced world levels in agriculture, industry, national defense and science technology by the year 2000. This group of visiting scientists could be expected to be leaders in this effort.

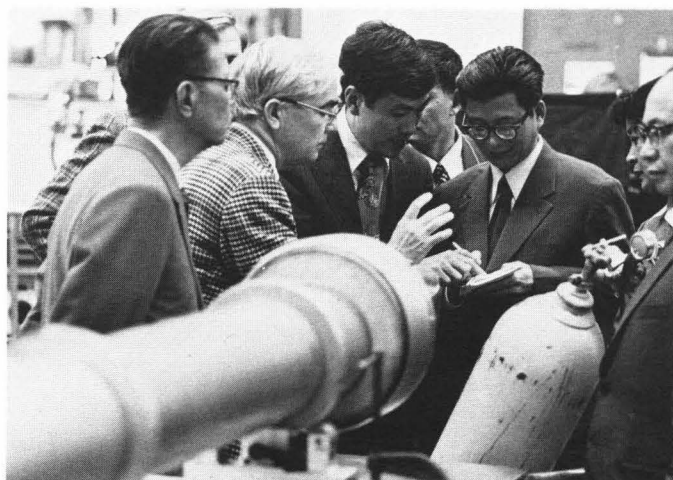
The full group was the sixth Chinese delegation to come to the U.S. under the committee's exchange program. Prior groups focused on fertilizer development, animal food stuffs, oceanography, nuclear/plasma physics and lightweight building materials.

Six American delegations have traveled to China this year, studying rural health, pure/applied chemistry, earthquake engineering, engineering education and Han studies. The committee's exchange partner in China is the Scientific and Technical Association.

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...Visitors enjoy gift presented to Chang Wen-Yu...



...W. Fowler, L. Mo (2nd from left) describe Energy Doubler Magnets to visitors...



...A. Brenner, J. Peoples (R) take Chinese science administrators on tour...

A 'FIRST' FOR PRAIRIE RESTORATION PROJECT

Mechanization came to Fermilab's prairie planting project this fall. For the first time, machinery has been used to pick prairie seeds for replanting in the 640-acre restoration in the center of the Fermilab Main Ring.

The seed picker was a 1942 Allis-Chalmers model 60 combine, sold on the farm machinery market as a small grain combine, and adapted to harvest prairie grass seed. The machine collected as much as 200 pounds per hour.

Using the combine, all 640 acres of Fermilab prairie could be replanted in about six years, said Tony Donaldson (Accelerator) prairie committee chairman. Original plans for the project envisioned hand harvesting and a ten-year completion schedule.

Groundskeeper Rich Kujath harvested 12 acres in Fermilab's Main Ring using the combine during the harvest period. In operation, the combine is pulled by a tractor with a power takeoff shaft connecting the machines. Kujath visited Knox College last summer to view a model 40 AC combine that had been similarly modified for prairie seed picking there.

To catch the most seeds, Kujath harvested on dry, sunny afternoons. The seeds will be planted with a special drill that makes holes in the ground for planting.

Donaldson estimated about 700 pounds of the precious grass seeds were collected by the combine. About 95 volunteers hand harvested another several hundred pounds of prairie flower seeds at the Morton Arboretum, Lisle, on three Saturdays in October, he said.

A seed cleaning "bee," again using volunteers, will be held next February. The 1979 planting is tentatively set for mid-June. About 40 acres in the northwest area of the Main Ring prairie plot have been plowed. A limited burn-off of 1977's spring planting of 20 acres was also carried out recently under the direction of the Fermilab Fire Department and Maury Goodman and Steve Bracker of the prairie restoration committee.

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...Automation comes to the prairie restoration in the Fermilab Main Ring...

CREF VALUES LISTED

Fermilab employees can direct a portion of their retirement investment into the CREF program. These funds buy "accumulation units"--shares in investments CREF makes in a broadly diversified stock portfolio. Accumulation unit values are calculated monthly by dividing the end-of-month market value of the total CREF accumulation fund by total accumulation units owned by participants.

CREF accumulation unit values for the first ten months of 1978 were:

January 31	\$35.72
February 28	\$34.96
March 31	\$36.15
April 30	\$39.28
May 31	\$39.52
June 30	\$38.94
July 31	\$41.03
August 31	\$42.17
September 30	\$41.86
October 31	\$38.18

The unit value figure tells a double message. First, it reflects month-by-month dollar value of each unit an employee owns. Second, the figure is used as the current market price for new accumulation units available for purchase by employees. Unit values rise with rising stock market prices; falling prices decrease unit values.

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CHARITY DEDUCTION SIGNUP ENDS FRIDAY

Signup forms are due Friday (Dec. 1) for the 1979 "Choose Your Charity" program. Under the plan, employees may designate up to three charities to receive regular payroll deduction contributions. Pledge forms are due in the Payroll department tomorrow. For more information, contact the Personnel Department at Ext. 3324.

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CHOREOGRAPHERS SHOWCASE TICKETS AVAILABLE

A group from the newly-formed American Dance Theater of Chicago will perform a classical ballet, "Burlesque," in the December 9 dance program at Fermilab. Other performers on the schedule include: The Hubbard Street Dancers, The Arve Connection, Pascual Olivera and Angela del Moral and The Joliet Ballet Society.

All seats are reserved. Tickets are available in the Guest Office, CL-1W. They are \$4.00 each.

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FERMILAB T-SHIRTS ARE IN



A new supply of Fermilab T-shirts and sweatshirts has arrived -- just in time for Christmas???

The long-sleeved sweatshirts are light blue with "Fermilab" and the logo imprinted in black. In large and extra-large adult sizes only. They are \$6.00 each.

T-shirts are navy blue with the same lettering. Children sizes are small through large - \$3.00 each. Adult's sizes are small through extra-large - \$3.25 each.

Shirts are being sold by Pat Yost, Guest Office and Chuck Grozis, 35 Shabbona in the Village.

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FROM RUSSIA WITH LOVE

In October, Meson Physicist Tim Toohig left Fermilab to begin a six-month sabbatical leave in Russia. Writing recently from Dubna, the Soviet counterpart of Fermilab, he said:



"The story has begun very well with a feeling of homecoming as I met Edich Tsyganov at the airport, then Turgun, Sasha, Guzik in my own group and our such good friends Anatole Kuznetsov, Serge Mukhin and so many others with their wives.

"I have a beautiful apartment in the midst of the Russian families, so I head out to work in the morning with all the children setting out for school like children everywhere. The apartment has a kitchen, living/dining room, nice study, and bedroom. Radiant color TV came with. I have a Volga car to travel about so I can get out into the famous Russian forests.

"The trees are beautiful in their fall colors right now, but snow was falling as we returned from Moscow today, so I shall have to go soon to the woools. Winter underwear is the order of the day and I am grateful for the sweaters I packed and for the gloves that Barb and Helen and my colleagues presented.

"The first reading for the first day I celebrated Mass was John Kennedy's favorite: There is an appointed time for everything, and a time for every affair under the heavens. Amen seemed very appropriate."

"My love to all of you,
Tim"

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BEST WISHES TO:

Terry (Accelerator Division) and Kathleen Hendricks following their wedding on Saturday, Nov. 4. The Hendricks will live at 523 W. Downer in Aurora where Kathleen is pastor of the Wesley United Methodist Church.

Terry (Proton Department) and Donna Waldrop following the birth of their first child, Brent Lee on Nov. 17 at Copley Hospital, Aurora.

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