

December 15, 1983

FERMI NATIONAL ACCELERATOR LABORATORY

FermiNews

CHINESE SHARE TRADITIONAL THANKSGIVING



During the week of November 27 a delegation from the People's Republic of China visited Fermilab. The previous week this group had negotiated the Agreement for 1984 between the Academia Sinica of the PRC (the China equivalent of the National Academy of Science) and the Department of Energy for collaborative accelerator projects. These projects are intended to assist the Institute of High Energy Physics in Beijing, China, to build a 2.8×2.8 GeV e^+e^- collider called the Beijing Electron Positron Collider (BEPC). The BEPC is now in the final design stage and has received approval and identification as a "key project" which assures its funding and priority. Construction will begin in 1985 and be completed by 1988.

Members of this group included several persons from the Institute who are not strangers to Fermilab. They had previously

spent time here working on the design of a 50-GeV proton synchrotron which has since been indefinitely deferred. The rest of the delegation consisted of persons from Academia Sinica. The leader of the delegation was Madam Gu Yu, who was formerly the Head of Planning and is now a principal advisor to Academia Sinica. Others of the delegation included Zhang Houying, Zhu Hongyuan, Xie Jialin, Ye Minghan, Fang Fhouxian, Liu Huaizu, Zhao Wenyan, Hou Rucheng, Li Shubao, and Chen Sen Yu.

During their week at Fermilab, Lee Teng of the Accelerator Division served as their principal host, and Sandra Cox of the Directorate was in charge of local arrangements.

The delegation toured the accelerator and experimental areas as well as the
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magnet facility. Since they are in the process of starting to build components for their new storage ring they exhibited great interest in the assembly processes of magnets now being built for the antiproton source project. In addition, the group



toured industries in the area and had opportunities to meet and talk to native Chinese persons who now live in the Chicago area.



A highlight of the stay at Fermilab was the Thanksgiving dinner which was served to the entire delegation by the Eldon Gould family at their farm near Maple Park. This experience gave the Chinese delegation a first-hand view of the American tradition of Thanksgiving and also of the life on a working Illinois farm. The Gould farm is a highly sophisticated hog farm which uses the most scientific methods of adjusting the feeding and reproduction cycles of the animals by carefully monitoring performance of the various strains using computerized analyses.

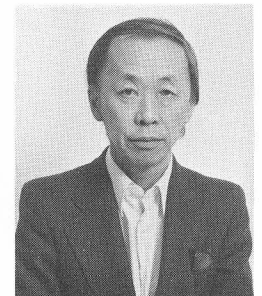


The dinner included ham which had been raised on the farm as one of the Gould boy's 4H project as well as turkey and the traditional Thanksgiving menu.

The Laboratory is indebted to the Gould family for opening their home for this occasion in order that the delegation could experience the warm hospitality of an Illinois family gathering.

PHYSICIST AWARDED PRIZE

Taiji Yamanouchi, Fermilab Assistant Director and Head of the Program Planning Office, was selected to receive the 1983 Nishina Memorial Prize at a ceremony held in Tokyo on December 6. This prize is given to Japanese physicists who have performed distinguished work in the field of atomic and nuclear physics. Dr. Yamanouchi was awarded the prize for his accomplishments in high-energy physics research, including his contribution to the discovery of the upsilon particle in Fermilab experiment E-288.



Taiji Yamanouchi

Dr. Yoshio Nishina was a prominent Japanese physicist who is well-known for the Klein-Nishina formula on electron-photon interactions, and also is recognized as being the founder of modern Japanese physics in the 1920's.

As the holiday season is upon us, it is appropriate to remind Fermilab employees, users, and visitors that the Laboratory does not permit the serving of alcoholic beverages on site except at official functions, in residential quarters, or at the Users Center.

NEW YORK VOCAL ARTS ENSEMBLE PERFORMS JAN. 14

by Jane Green

Enjoy a "miraculous blend of first class voices and sensitive keyboard virtuosity" on Saturday, January 14, 1984, when the New York Vocal Arts Ensemble performs at 8 p.m. in Ramsey Auditorium. This "elegant and high-spirited" quartet, accompanied by pianist Raymond Beegle, will present "An Opera Evening" of arias, duets, trios, and quartets from the grandest of the operatic repertoire.

The selections in the program are taken from Beethoven's mighty "Fidelio," Verdi's poignant "Rigoletto," Gounod's dramatic "Faust," Puccini's tender "La Boheme," Rossini's riotous "Barber of Seville," and Strauss' sparkling "Die Fledermaus." The music of these most popular operas combine to capture the glamour of a dozen nights in the world's great lyric theatres. Of the Ensemble, critics rave that the performers' "irresistible charm creates an enchanted evening."

The New York Vocal Arts Ensemble was established twelve years ago by the group's pianist and Artistic Director, Raymond Beegle. The ensemble has six recordings to its credit, and, in 1980, was awarded first prize in the Geneva International Music Competition. Aside from their annual season at New York's Lincoln Center, the group has performed frequently in Europe, South America, and across the United States.

Plan to attend this evening of opera with the New York Vocal Arts Ensemble. Admission is \$5, and tickets are available at the Information Desk in the atrium of Wilson Hall, ext. 3353. Phone reservations are held for five days, but due to ticket demand, those reservations not paid for within five working days will be released for sale.

WAUBONSIE CHOIR SINGS CAROLS

To celebrate the spirit of the holiday season, the Waubonsie Valley High School Choir will sing in the atrium of Wilson Hall on Monday, December 19, at 12:15 p.m. Mr. John DeGroot directs the 80-member choral group from this Aurora school. Plan to enjoy the carols these fine young voices will bring, for this is Fermilab's holiday greeting to you!



New York Vocal Arts Ensemble

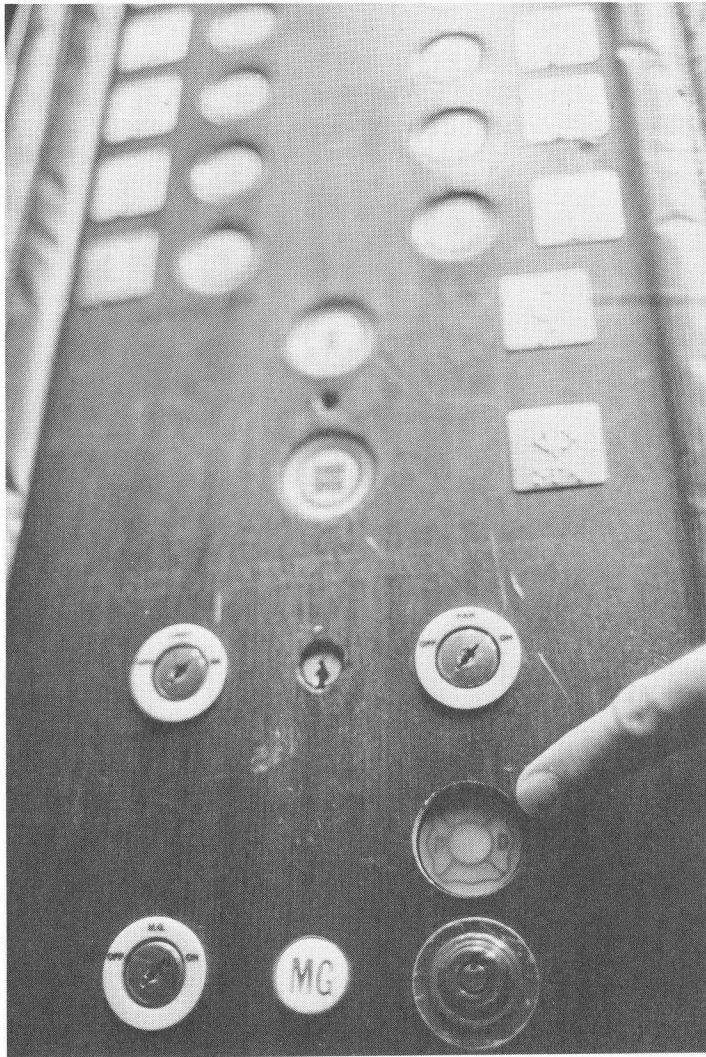
JEFFRIES SEEKS RIDE TO FERMILAB

Roy Jeffries and his guide dog, Trever, need a ride from 370 Spruce Street, Aurora, to the Laboratory one day each week. His work hours are flexible to adapt to almost any offer. Anyone interested and available should contact Roy in the Computing Department, WH8W near the elevators, or at ext. 3146.

NOTIFY PROPERTY FOR OFF-SITE MOVE

Any Fermilab property which is being taken off-site for any reason must be cleared through the Property Office. This must be done in order that the proper paperwork may be processed. Notification must also be given in the case of an exchange or return of loaned equipment. In order to protect the property and to avoid misunderstandings, please call the Property Office, ext. 3585, for instructions.

NEW PROCEDURE SPEEDS ELEVATOR PASSENGER RELEASE



New fire call light in the lower right-hand corner of the elevator button panel.

*In Memoriam
Karl T. Wagner
1941-1983*

Karl Wagner, a contract administrator at Fermilab since May 16, 1983, died November 2, 1983.

Contracts Manager, Ed West, said "Karl seemed to be genuinely happy with his job and performed his assignments in a timely and expeditious manner. This was confirmed by several complimentary comments I received concerning Karl's helpful and professional assistance in finding solutions to procurement-related problems." Sympathy is extended to the Wagner family.

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A new system for release of persons stuck in a Wilson Hall elevator has recently been installed. When a call is received by the Communications Center operator that an elevator is stuck, a code is issued to call the Fire Department for release of the passengers. At this time, the operator will turn off the power to the stuck elevator (this will not turn off the



Mark Flaherty, Communications operator, demonstrates how he is able to shut off power to a stuck elevator upon receiving an emergency call.

car lighting). When the Fire Department arrives, the adjoining car will be called to atrium level for Fire Department use. When this happens, those persons riding the working elevator will notice a fire call light in the lower right-hand corner of the button panel, or they can call on the car phone for information. The car is programmed to operate correctly in this mode. Once the Fire Department has reached the floor where the stuck elevator is located, they will proceed to remove the passengers. (This can be done immediately since the power was shut off by the operator when they first received the call.) This new procedure will speed the release of passengers.

Do not attempt to get out of a stalled elevator yourself. Wait for help. You could prolong rescue time and place yourself in danger.

POOL/PING PONG TOURNEY IN JANUARY

Employees who would like to participate in the Users Center Pool Tournament and Ping Pong Single and Doubles Tournaments, should contact Helen McCulloch, ext. 3126 or Nora at the Users Center, ext 4562.

CLASSIFIED ADS TO BE DISTRIBUTED WITH **FERMINES** DECEMBER 15, 1983

FOR SALE:

HOUSE: FIVE-BEDROOM HOUSE. Located north of Oswego on Hwy. 31 opposite Pride Gas Station. See listing and pictures on bulletin board, \$67,500. For more information, call Homer Clover, ext. 3685.

CARS: 1981 BLACK-ON-BLACK CORVETTE. All options, low mileage, excel. cond. \$15,500. Call Jenny, ext. 3644.

1981 2-DR. PONTIAC BONNEVILLE BROUGHAM. Landau and sunroof, V8 diesel, autom., air, full power, AM/FM/Stereo/Tape, cruise contr., tilt wheel, leather, Rusty Jones, new trans. and brakes, mint cond., 37,000 mi. \$8,275/offer. Call Bill Riches, ext. 3779.

1980 2-DR. DARK GREEN METALLIC FORD PINTO. 4-speed, PS, PB, AM/FM radio, cloth seats, good tires, 45,000 mi., rear defrost. \$2,700. Call Homer Clover, ext. 3685.

1980 MODEL DL1800 HATCHBACK SUBARU. Front wheel drive, AT, AC, 19,000 mi., no rust. \$4,500. Call Betty, ext. 3451.

1977 DODGE ASPEN SPECIAL EDITION 4-DR. STATION WAGON. 6 cyl., AT, PS, PB, AC, 68,000 mi., new exhaust system, clean, \$2,150. Call Aki Murakami, ext. 3172 or 231-1019.

1976 HONDA CVCC. Sell for parts, good engine, trans., tires, and more. Call Rich, evenings, 653-6837.

MISC: RC SUPER MANTIS HELICOPTER. Collective pitch, cone start; engine OSFSR-H45; radio Futaba Helicopter FP-5JH with 4 high-speed servos S121; Futaba gyro. Set up and ready to fly. \$550. Call J. A. Peifer, 815-729-9072.

1973 SKIDOO SKANDIC SNOWMOBILE 300 CC, NEW SKIS, HELMET, SNOWSUIT, AND EXTRA OIL. Good cond. Call Norbert, ext. 4744.

SNOW TIRES. 2 Uniroyal P195/75R 14 Snowplow steel belted radial. M+S "plus" WSW; used one season. \$40 ea. Call Gerald Czop, ext. 3981 or 4190.

4 L-78-15 WHITE-WALL MUD & SNOW TIRES. Used 7,000 mi., \$10 ea. Call Dennis, ext. 3370 or 231-3523 after 6 p.m.

2 GR78-14 RADIAL SNOW TIRES. Fits 1970's Nova, Omega, etc., good cond. \$20 ea. Call Dan, ext. 3142.

continued on reverse

SNOW SKIS AND SKI BOOTS. Size 150's Krystal skis w/Look bindings, size 44-in. Scott poles, 2 yrs. old, newly waxed, \$115; 2-yr. old size 5-1/2 or 6 women's red Caber boots with installed inner boot, \$50. Call Claudette, ext. 4550.

HEWLETT PACKARD HP75C PORTABLE COMPUTER. 8K mem. expan. (24 K total), HP-IL/RS-232C interface, 300 baud modem, video interface, text formatter, Visicale, data commun. pac; all items new, unused. \$2,750 combined retail, \$1,925 complete. Call Tom, ext. 3441 or 898-2051.

BRASS W/BLACK MESH FIREPLACE SCREEN AND BRASS ANDIRONS. \$75. Call Bill Riches, ext. 3779.

For the following items call Greg, ext. 3011. Over 100 8-track tapes, \$1 ea; 8-track player, recorder Pioneer HR-88, \$50; Macrame cord, \$3/100-yd. roll; ceramic molds.

For the following items call H. Barber, ext. 3445. Sears Automobile Dwell Tach Meter, \$12; Wall mounted black w/decorative tile trim electric fireplace w/brass screen and simulated logs, \$55; 2 lightweight 3-spd. bicycles, one men's/one ladies', excel. cond., \$55 ea.; Zenith walnut finish stereo record player w/detch. speakers, \$45; bicycle exerciser kit fits 20-in., 24-in., and 26-in. bicycles, chrome finish tubular steel, \$8; new Audiovox car radio FM converter, \$8; Sears DC Auto Timing Light, exec. cond., \$15.

For the following items call Roger Braun, 584-2154. Red Oscar tropical fish, approx. 8-10 in. long, \$10; Jeep transm. and transfr. case, \$50; manual port. typewriter in case, \$35.

WANTED: UNICYCLE. Prefer Schwinn with 24-in. wheel. Call Merle Haldeman, ext. 3958.

23rd ANNIVERSARY ENTERTAINMENT '84 DISCOUNT COUPON BOOKS. Save 50% on almost everything: dining, movies, sports, hotels, and more. Sponsored by the Naperville Community Chorus. For more information, contact Bill Wickenberg, ext. 4381.