

The Village Critic

 national accelerator laboratory

Operated by Universities Research Association Inc.
Under Contract with the United States Atomic Energy Commission

Vol. 4 No. 41

December 14, 1972

PROGRESS REPORT

The accelerator operated at 300 BeV energy over the past week-end - December 8th through 11th.

PEOPLE'S REPUBLIC OF CHINA SCIENTISTS VISIT NAL

A delegation of scientists from the People's Republic of China visited at the National Accelerator Laboratory on Friday, December 8. The Chinese scientists were given a tour of the Laboratory by Robert R. Wilson, Director; Edwin L. Goldwasser, Deputy Director, and Lee C. Teng, Deputy Head of the Laboratory's Accelerator Section.

Also accompanying the party were L. Mo of the University of Chicago, and K. Wendell Chen of Michigan State University, physicists conducting experiments at NAL. Dr. Mo is the scientific spokesman for Experiment 98; Dr. Chen, Experiment 26. Drs. Teng, Mo, and Chen are natives of China.

The Chinese scientists in the party were: Pei Shih-chang, (head of the delegation) Biologist, Director Institute of Biophysics, Chinese Academy of Sciences; Pai Chieh-fu, scientific administrator, member - Presidium, Scientific and Technical Association; Chang Wen-yu, high energy physicist, Deputy Director, Institute of Atomic Energy, Chinese Academy of Sciences; Ch'ien Wei-ch'ang, mechanical engineer, Professor of Mechanics, Tsinghua University; Hu Shih-ch'uan, biochemist, member - Institute of Biochemistry, Chinese Academy of Sciences, Shanghai; Li Fu-Sheng, Deputy Director - Research Office, Institute of Computing Technology, Chinese Academy of Sciences; Hsu Chao-hsiang, secretary, delegation of scientists; Li Ming-te and Wang Li, interpreters.

The group arrived in Washington, D.C., November 20, having visited the United Kingdom, Sweden, and Canada. Their stay in the U.S. has included stops at several other major universities and research centers. Their trip is hosted by the Committee on Scholarly Communication with the People's Republic of China, (jointly sponsored by the National Academy of Sciences, the Social Science Research Council, and the American Council of Learned Societies) in cooperation with the Federation of American Scientists. The Committee, formed in 1966, represents American scholars in the natural sciences, medical sciences, social sciences,

(Continued on Page 2)



...Lee Teng (black tie) touring PRC delegation members (L-R): Liu Chung-jen, Pai Chieh-fu, Li Ming-te, Chang Wen-yu, Li Fu-sheng...



...Pei Shih Chang (L), head of the delegation, and Norman Ramsey, president, Universities Research Association...



...Li Fu-sheng(L) and K. Wendell Chen of Michigan State University...

CHINA SCIENTISTS VISIT NAL (Continued)

and humanities. The activities of the Committee include exploring opportunities for, and coordinating the development of, scholarly communication between China and the United States. This committee also arranged the visit by a medical delegation from China to the United States last October.

Speaking of its work in this area, the Committee states it is "prepared to play an important role in exchanges as they evolve. However, this development undoubtedly will be slow, and require considerable care and patience." Committee members are scholars from a broad range of fields, including China studies. Several members and staff have visited the People's Republic of China; many have had long experience in international scholarly activities. Dr. Emil L. Smith of the University of California School of Medicine, Los Angeles, is chairman of the Committee.

Officials of the National Accelerator Laboratory have stated that they look forward to opportunities for international collaboration in the field of high energy physics, which the Laboratory serves. At this time, however, there are no plans for Chinese physicists to conduct experiments at NAL.

* * * * *



...The PRC delegation visit provided a reunion at NAL between A. Kuznetsov of the U.S.S.R. (R), and Chang Wen-yu of China (L). The men worked together at the Joint Institute for Nuclear Research, Dubna, U.S.S.R., where Chang was a group leader from 1961-1966. Robert R. Wilson, NAL Director, is at center...

(Photos by Tony Frello, NAL)



...The top floor of NAL's Central Laboratory Building is now being poured. The building will be ready for occupancy some time after March, 1973. It will house many of the functions of the Laboratory including all of those now located in the NAL Village...

(Photo by Tim Fielding, NAL)

COMMUNICATION LINES ACTIVE AT NAL

Dr. R. Wilson reported at the December 6th Director's meeting on the November 26th achievement of 10^{12} protons per pulse in the main accelerator. Later, he reviewed construction progress in the unfinished areas of the Laboratory. James Walker reported on some recent observations in an experiment in the Internal Target Section. Projections were made about goals for the next month in the Accelerator Section by Donald Young, deputy head of the section. The meeting was sprinkled with lighthearted joshing between colleagues about the relative progress being reported.

The monthly Director's meeting, on the first Wednesday morning of each month, is one of several efforts to create an active line of communication to serve NAL employees. At the meeting, open to anyone who cares to attend, Dr. Wilson summarizes major progress and achievements in the Laboratory during the previous weeks. He calls on section heads in the audience to enlarge on certain aspects of these reports. Questions from the audience are an important part of the format.

The serious matters discussed at the December meeting included Dr. Wilson's report that the NAL appropriation for FY 73 had recently been set at about \$43 million for construction and about \$19 million in operating funds. Dr. Wilson and Deputy Director E.L. Goldwasser both expressed concern about FY 74 funds. NAL is doing more with less funds than anticipated in the original authorization, they pointed out.

These and similar topics will be passed along by Donald R. Getz, Assistant Director, at his monthly meeting with NAL supervisors (usually on the first Thursday of the month) and to clerical employees at his regular meeting with them on the third Thursday of the month. Both meetings are at 4 p.m.

These three sessions gives all employees an opportunity to learn about current NAL affairs, and in return, to express opinions and ask questions about matters of concern to them. The two-way feedback keeps NAL people in touch with one another, so they are better able to carry out the successful operation of the world's newest accelerator.

* * * * *

NAL ON DISPLAY

NAL's Public Information Office is circulating a colorful, 3 ft. by 4 ft. photographic display, including brief descriptive material, about the National Accelerator Laboratory. One of the display boards is at the Batavia Public Library during the month of December. Another is in the office of the Wheaton Chamber of Commerce, and another, in the library at George Williams College. A fourth board is available on loan from the Public Information Office for classroom and meeting use. The displays aim to introduce NAL to people in the surrounding communities and elsewhere, who may not have had an opportunity to tour or visit the Laboratory.

A collection of general interest slides, on file in the NAL library, may also be borrowed for classroom or meeting use.

Employees with holiday guests may wish to visit the Exhibit Hall at 18 Sauk in the Village. Visitors' packs, including a current NAL Fact Sheet, may be obtained from the NAL Public Information Office.

For further information, call or visit the Public Information Office, 35 Blackhawk, 840-3351, or the NAL Library, Director's Complex, 840-3401.





HOLIDAY DINNER DANCE

A few tickets remain for the Holiday Dinner Dance to be held Sunday, December 17 at 6:30 p.m. at the St. Andrews Country Club, West Chicago. See your NALREC representative immediately if you have not bought your tickets. Visiting experimenters are welcome. Tickets sell for \$5.00 per person.

This year's event includes a prime rib dinner, two before-dinner cocktails, and dancing to a 4-piece group after 9 p.m.

!!GOOD COMPANY IS GUARANTEED!!

NOTES TO NAL EMPLOYEES...The floating holiday for 1972 must be used before December 31 or it will be lost...The Blood Bank will be at NAL on January 10 and 11, 1973 to receive annual donations...No snowmobiles are allowed on the NAL site...A Christmas card tree is available in each cafeteria so that employees may extend greetings to many people by posting one card here...The savings could go to your favorite charity.

* * * * *

DECK THE HALLS...

What will probably be the last house decorating contest in the NAL Village should be the best! Who will win the trophy from the Film Analysis Facility?

The judging will be held at dusk on Tuesday, December 19. Judges will include Cheri Lang of the Aurora Beacon-News, W. Stafford, Warrenville Mayor, Jim Hamlin, West Chicago Fire Chief, and A. Sennett, editor of the Winfield Glimpses. For further information, call Marilyn Paul, Ext. 3453.

* * * * *

A PLEA FOR CHRISTMAS SAFETY

If you plan to decorate a natural tree for an office at the Laboratory, have it treated by the Plant Services Department with fire retardant material for fire safety. Plant Services is located at 30 Sauk. It is best to call for an appointment, Ext. 3421. The NAL Fire Department also urges that you use only decorations carrying a label indicating approval by the Underwriters Laboratory.

* * * * *

!!! REMEMBER, CREDIT COSTS LESS AT YOUR CREDIT UNION!!!

CLASSIFIED ADS

FOR SALE - 1968 Olds Cutlass, 2/door hdtop, vinyl top, p/s, automatic on floor w/5 new steel belted tires-\$1500; 1965 Olds Dynamic 88, 4/door hdtop, p/s, p/b, a/c, gd. tires & running cond. \$500. Call Don Fichtel, Ext. 3360 or 892-2481.

FOR SALE - Wards Airline Stereo Sys. w/auto. stereo record change w/base & dust cover (M-6711), \$45; Solid St. FM/AM (M-1750), FM stereo table radio w/AFC, 2x6" spkrs., w/wood cab., \$55. Will take \$60 or b/offer. Call W. Pelczarski, Ext. 3795.

FOR SALE - 1971 Opel Manta-1900 cc, pwr. fnt. disks, radio, 8 track stereo, new/stud/snow tires. Excel. Cond., 36,000 mi. Call John Isaac (ANL-739-7711, Ext. 2025 or 442-8976.

FOR SALE - "N" Gauge train layout, compl. wired, landscaped in 2'x4' cof-table, 11 switches, XFMR & 1 set of trains-\$100. Call Ed Mayer, Ext. 3369 or 231-7016.

FOR SALE - Movie Camera, 1 yr. old, excel. cond., 3.5 zoom lens, 2 shutter speeds, movie light, super 8, 1/2 price-\$70. Call Dottie Alderton, Ext. 3771 or 231-6119.

FOR SALE - Armstrong Flute, gd. cond. \$80. Call E. Major, Ext. 3623 or 668-5791.

RIDE WANTED - From Pennsylvania Ave., Glen Ellyn to Central Lab. Call Cathy Moran, Ext. 3567.

The Village Crier is published by the Public Information Office of the National Accelerator Laboratory, Margaret M.E. Pearson, Editor. Correspondence may be directed to the address below. Telephone number of the Laboratory is 312 840-3000.

National Accelerator Laboratory
P.O. Box 500
Batavia, Illinois 60510

U. S. Postage Paid
Non-Profit Org.
PERMIT No. 204
Batavia, Illinois