

The Village Courier

 national accelerator laboratory

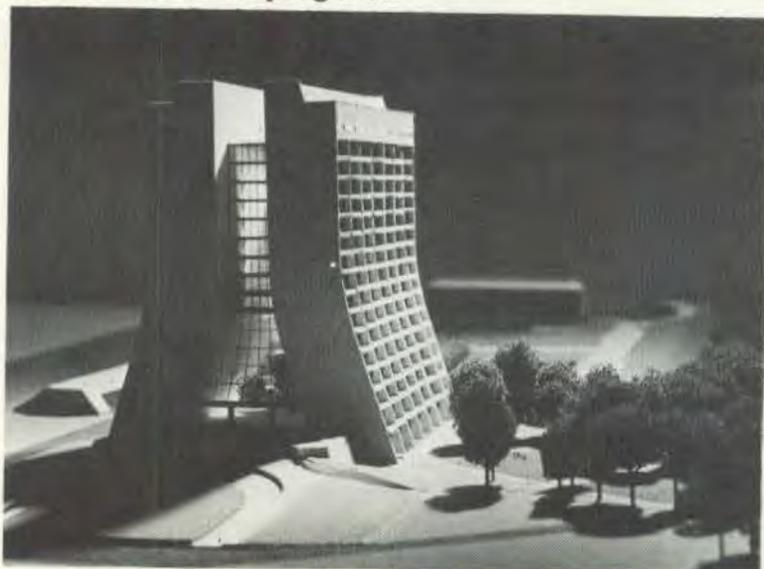
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WORK PROCEEDS ON PHASE I OF CENTRAL LABORATORY BUILDING

On NAL's Main Site, at the northern end of the "footprint area," work is proceeding on Phase I of the Central Laboratory Building. The first phase is nearly 50 percent complete despite the fact that the contract was awarded last autumn and severe weather interfered with progress.



....Model of proposed Central Laboratory Building. Casisson construction began late in 1970. Plans call for 16-story, twin tower building with approximately 400,000 square feet of floor space. Architect: Alan Rider, Washington, D.C.....

Inc., of Chicago. It was awarded August 24, 1970 on a bid of \$1,902,353. Work under the contract also includes installation of 13.8 KeV power transformers, providing and installing power distribution and lighting for the lower level, and providing and installing complete plumbing and fire protection systems for lower level and architectural finish required to complete the lower level for tenant occupancy in the summer of 1971.

The proposed Central Laboratory Building of about 400,000 square feet will be a twin-towered structure. It was designed by Architect Alan H. Rider, of the Washington, D.C. office of Daniel, Mann, Johnson, and Mendenhall, one of the DUSAF joint venture firms. Each tower will be about 200 feet long and about 50 feet in width. The building will be sited so that it runs roughly north-south in the entrance to the "footprint" area, with a circular driveway coming off nearby Kirk Road for traffic and a service driveway at the eastern edge. Parking for employees and visitors will be located across the road to the west of the Linac enclosure.

The foundation is finished and concrete is being placed for columns and walls of the ground floor. Structural work and backfilling on the utility tunnel to the Cross Gallery are finished.

In general the Phase I effort includes the construction of caisson-type foundations, post-tensioned tie-beam, and building the structure up to and including, the structural slab for the main floor of the central lab and office building. This building will be a reinforced concrete and glass high-rise building which, when finally completed, will have 16 stories tapering up from a base that will be 213' by 195'.

An adjoining auditorium will also be available. It is planned that this meeting center will be completed in time to house the international "Rochester" Conference on High Energy Physics at NAL in September, 1972.

The general contract for the Phase I construction project is held by Walsh Bros.,

REMINDER: The annual NAL Easter Egg hunt for children up to the age of 10 will be held Saturday, April 3, at 1:00 p.m. at the NAL Village Baseball Field. Baskets will be provided by the NAL Social Committee. For further information, please call Marilyn Paul, Ext. 453.

HAPPENINGS AT THE AREA AEC OFFICE - By Minerva H. Sanders

"Who sez you get too old to learn?" "Not so, that's just another myth," chime Ronald Zeitler, our Administrative Officer, and Kellogg Morton, our Procurement Specialist. (And just think, neither of these men is quite 60 years old, yet). Seriously though, Ron was selected by the AEC to become a member of the current class of the Institute for Management at the St. Procopius College in Lisle, Illinois. The Institute is an evening business school which offers a program of continuing education designed for middle managers. And, Mort just completed a week of training at the College of William and Mary and Federal Publications, Inc., in Williamsburg, Virginia, and he is now prepared to handle all phases of Government contracting, administration, legal, technical and financial problems.

We take this opportunity to thank all our gallant men (Ron Zeitler - solicitor, Fred Mattmueller, Bill Donato, Andy Mravca, Jack Kiefer and Dick Figlik) for donating blood during our recent Group Blood Assurance Program Drive. Under this program, when 20% of the organization's employees participate as donors, all employees and members of their families living with them are assured of blood replacement through the American Red Cross at no cost.



KELLOGG MORTON



RONALD ZEITLER

Photos by Tim Fielding, NAL

JOHN O'MEARA IS CHAIRMAN OF VACUUM SYMPOSIUM

NAL will be host to the 9th Annual Vacuum Symposium of the Great Lakes Regional Administrative Group of the American Vacuum Society on May 6 and 7, 1971, according to the Conference Chairman, John O'Meara, NAL Technical Services Engineer.

The program has been organized around technical papers concerned with new and innovative vacuum processes, vacuum technology, and an interchange of information. Philip Danielson, Argonne National Laboratory, heads the committee on technical papers.

For the third consecutive year, a separate and distinct course on vacuum technology for technicians will be offered which will run simultaneously with the presentation of technical papers. John Moenich, Argonne National Laboratory, is in charge of this specialized training school.

Robert McCracken, NAL Technical Services Section, is responsible for local arrangements for the Symposium with Hazel Cramer, NAL Main Ring, and Helen Severance, NAL Public Information, handling registration.

SEEK VOLUNTEERS FOR MONTE CARLO NIGHT

The annual Monte Carlo Night is scheduled to be held in the NAL Cafeteria on the evening of Saturday, April 24. Doug Maxwell, Social Committee member in charge of the event, has issued a call for volunteers to help him with the "Funny Money" games and tables. If you can help, call Maxwell at Ext. 266.

JAMES CRONIN TO JOIN UNIVERSITY OF CHICAGO FACULTY

Last September, James W. Cronin, one of the world's leading high energy physicists, came to NAL as a guest scientist from Princeton University in New Jersey. He has worked closely here with members of the NAL Experimental Facilities group.

Cronin has been a senior member of the team of Princeton physicists who, in 1964, conducted the experiment which upset the formerly fundamental concept of time reversal invariance, which held that physical laws remain unchanged when the direction of time is reversed. The results of that experiment - the Fitch-Cronin effect - suggested that in some cases physical laws are violated when the direction of time is reversed. In 1967, Cronin and Princeton's Val L. Fitch received the Research Corporation Award, an annual honor for outstanding achievements by scientists "who have made notable contributions to human knowledge, but who have not already been accorded major honors such as the Nobel Prize."

The University of Chicago announced recently that Cronin had been appointed University Professor in the Department of Physics and in the Enrico Fermi Institute there, effective next October 1. It was, in a way, the announcement of the return of a Middle Westerner to his home area. Cronin, a native Chicagoan, earned the Ph.D. degree from the University of Chicago in 1955.



JAMES W. CRONIN

MIGUEL AWSCHALOM RE-ELECTED TO CREDIT UNION BOARD

Five new directors were elected to serve on the Board of Directors of the Argonne Credit Union at their Annual Meeting on March 17. They are: Louis Anastasia, Rod Blauser, Bill Bryan, Paul Hirsch, and Chester McKinney. These new directors will join the ten incumbents in the general management of the affairs of the Credit Union for the next year. One of the incumbents is Miguel Awschalom, head of NAL Radiation Physics Section.

The Argonne Credit Union is in its 21st year of operations and has assets in excess of five million dollars. As a member, you are part of a very large family of savers and borrowers -- one of 23 million members of 24,000 credit unions across the country.

NANCY, DICK CARRIGAN JOIN SCIENCE FICTION AUTHORS

Attention all science-fiction fans -- appearing, in paperback, at your favorite bookstores on April 15, 1971, will be a science-fiction story written by NAL's own Richard Carrigan, Experimental Facilities, and his wife, Nancy.



....Carrigans look over advance copy of "The Siren Stars"....

Photo by Fran Pisarek, NAL

The book, titled "The Siren Stars," is being published by Pyramid Press, New York City. Price: approximately 75¢, including the author's autograph if presented to Dick Carrigan at NAL.

Carrigan, a physicist, says the book was written several years ago and first appeared as a serial in a science fiction magazine. It concerns "interstellar communications" and was a joint effort between husband and wife. Dick doesn't want to give away the plot to Crier readers but he suggests that the book offers interesting insights into what you might discover on your radio or television set if there were communication between outer space and DuPage or Kane Counties. (Note: The Carrigans reside in Wheaton, which is on their radio-frequency orbit.)

PROTECTIVE CLOTHING TO BE MADE AVAILABLE

Certain employees of the Laboratory, such as some maintenance men, are required on a daily basis to do work which is either excessively dirty or causes undue wear and tear on clothing, or both.

The Laboratory is about to begin an experiment in providing such employees with protective clothing at no cost to the employee. "Foul weather gear" will also be provided to employees whose jobs require that they be out of doors for extended periods of time during inclement weather.

The services will, for the most part, be provided by a contract with some outside firm. It is a considerable expense to the Laboratory to do this, and the number of persons using such services should be relatively small. In cases where an employee requires protective clothing irregularly or for short periods of time, paper coveralls and foul weather gear will be available in stock rooms for occasional use. Lab coats and aprons are also available to all employees on a regular basis.

Supervisors who feel that employees under their supervision require protective clothing should discuss their needs with Chuck Marofske, Personnel Manager.

NALWO CALENDAR

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| Gourmet | Saturday, April 3, 7:30 p.m. Italian dinner at the home of John and Mary Lou Satti, 44 Swift Lane, Naperville. Space limited to 24 persons. For reservations call Nancy Carrigan, 653-2269, or Judy Strauss, 964-4018. |
| Hand Arts | At the April meeting, Nancy Hanft will demonstrate "silk screening." |
| Sewing | Meetings are held every Thursday. For further information, call Greta White, 232-0185. |

NAL TO SPONSOR SOFTBALL TEAM

NAL is sponsoring a softball team to enter the Fox Valley Park District Fast Pitch League. We will be competing with 9 other area teams. A two-round season, initiated by a tournament, has been tentatively scheduled. Games will be played on Tuesday and Thursday evenings. The Park District requires confirmation on our reservation by April 1, 1971, so sign up to "batter-up" by calling Jim Thompson, Ext. 242, Bubble Chamber.

CLASSIFIED ADS

FOR SALE - 18' outboard boat, 5 yrs. old, 90 hp. Mercury, trailer, USCG requirements, full canvas, ready for water. \$2500. Call J.G. Semmelman, HO9-4624.

FOR SALE - Doughboy swim pool, 12' diam x 42", used only one year. Cl & Ph and tester kit included. \$50. '55 Chevy body - D-gas. Best offer. Call Betty Kastner, Ext. 531.

FOR SALE '70 Magnavox console stereo. FM-AM-FM stereo radio. Stereo phonograph. Excel. cond. \$375 new, will sacrifice for \$160. Call D. Wall at 896-0105.

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