

# The Village Chief

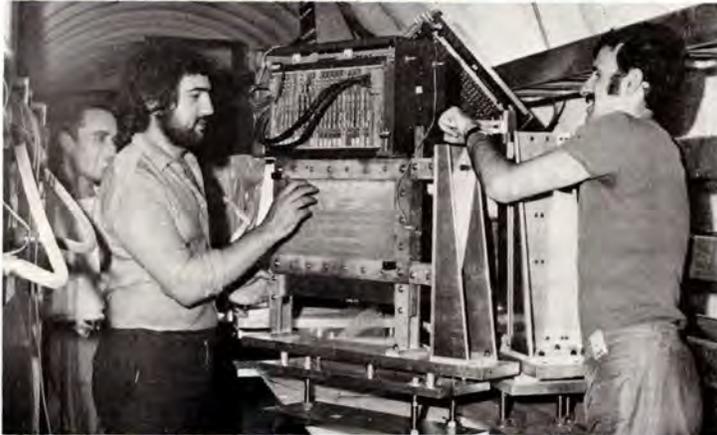
 national accelerator laboratory

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## NAL'S DOORS OPEN WIDE TO INTERNATIONAL VISITORS



...Among NAL's International visitors, from Bari, Italy, are (L-R): Paolo Spinelli, Giorgio Maggi, and Arcangelo Distante...



...From Oxford University comes (L-R): Phil Burton, Andres Skuja, Ian Kirkbride, Bill Williams, and Tom Quirk...

The NAL welcome mat reaches around the world in July of 1973. With twenty experiments running at the Laboratory and at least 35 more in preparation, over 400 visitors from across the continent, Europe, from the Soviet Union, and from Hawaii are at Batavia carrying on their research work. Many of these international commuters span the continents frequently between NAL and their home institutions. Others come for several weeks, some for months, and many for a year or more. The international pathways to NAL's doors are already well trod.

One group of five physicists and four technicians has become regular commuters from the University of Bari, Bari, Italy. The men are collaborators on an elastic scattering experiment (#96) in the Meson Area, together with a group from Stanford University, Brown University, CERN, Argonne National Laboratory, Cornell University, Massachusetts Institute of Technology, Northeastern University, and NAL. Two of the Italian collaborators are usually at NAL at one time. The group rents an apartment in St. Charles, using a rental car to commute to the Laboratory. Luciano Guerriero, leader of the Bari group, visited for a week in June. Arcangelo Distante, Paolo Spinelli, Carlo DeMarzo, Pietro LaVopa, Michele Perchiazzi have been here for different amounts of time since April. A multiwire proportional chamber built in Italy was transported by the Italians to NAL for the experiment. Giorgio Maggi brings his expertise, gained while doing his Ph.D. thesis, on the electronics for data acquisition from the chamber. Dr. Maggi enjoys the "greenness" of the Illinois prairies and says he finds friendliness in the NAL area.

Tom Quirk came to NAL in October, 1972, one of four physicists from the Department of Nuclear Physics at Oxford University. They are part of a collaboration including Harvard University, the University of Chicago, and the University of Illinois on a muon experiment in the Neutrino Laboratory (98). Tom is a daily commuter from the Hyde Park area of Chicago. Mrs. Quirk works in pediatric research at the University of Chicago Wyler Hospital. The family enjoys the cultural activities available in Chicago.

The Oxford group is itself an international collaboration. The Quirks are natives of Australia. Andres Skuja is a Canadian who obtained his Ph.D. at the University of California/Berkeley and then went to his position at Oxford. Norman Booth, also from Canada, was formerly on the staff of the University of Chicago, now at Oxford, and is the person responsible for the collaborative plans with the two U.S. schools. I. Kirkbride and W.S.C. Williams are native Britons.

(Continued on Page 2)



...University of Hawaii experimenters (L-R):  
Sherwood Parker, Fred Harris, Todd Hauser,  
Dave Yount, Bob Cence, and Jim Knauer...



...G. Giacomelli (R), University of Bologna,  
visits with NAL physicist Joe Lach at new-  
comers' pot luck...

Quirk and Skuja will remain at NAL as anchor men for the British group through December, 1973. The others will continue their transatlantic commuting. The Oxford group supplied the counter hodoscopes for Experiment #98 and also brought the magnet measuring equipment for the Chicago Cynchotron magnet.

Seven men from the University of Hawaii, in collaboration with the University of California-Berkeley are building and installing a "muon identifier" on the back of the NAL 15 ft. Bubble Chamber. Their project involves first testing this equipment, then tagging muons from neutrino interactions in the chamber (Experiment 155 and 9 A-B-C). Three of the men will also participate in a photon beam study in the Proton Area (Experiment 87).

The Hawaiian group brings seven U.S. scientists back to the mainland, each of them originally from a different place in the U.S. Fred Harris, his wife and 5 year old son, arrived in February of 1973 and will be here for several more months. They have taken an apartment in Aurora. Mrs. Harris, who holds a Ph.D. in Zoology, is a keen observer of animal life in the NAL area.

Vincent Peterson is head of the Hawaiian group and, together with V. Stenger, D. Yount, R. Cence, T. Hauser, and S. Parker, make up the transpacific travellers who have been coming regularly to NAL and will continue for many more months.

Other European visitors include Giorgio Giacomelli, Professor of Physics, at the University of Padova in Italy and is now working with James Sanford in the NAL Director's Office; Harry Lipkin who returns to Theoretical Physics from the Weizmann Institute of Science in Isarel; Jean Paul Massue of the Laboratory de Physique Corpusculaire, Strasbourg, France; E.J.N. Wilson, CERN, Geneva, Switzerland.

Ten Soviet scientists are now at NAL from the Institute of High Energy Physics, Serpukhov. Seven will complete their experimental work here in August; three remain to participate in neutrino runs in the 15 ft. Bubble Chamber (Experiment 45A and 180). According to information released by the U.S. Atomic Energy Commission recently, a substantial increase in the number of Soviet collaborations at NAL may be expected under the over-all arrangements recently completed between the U.S. and the U.S.S.R.

Several scientists from France and their wives and children are at NAL. Maurice Bourquin, Jean Paul Boymond, Armand Zylberstein are all associated with experiments at NAL.

The ease and the demand with which international collaboration has developed at NAL in the short time since the accelerator became operational keeps several NAL groups on their toes. Housing arrangements and accommodations for the visitors and their families are the work of the Visitors Center and Housing Office; travel arrangements are handled by the Personnel Office. The office of James L. Sanford, Associate Director for Program Planning, and all of the experimental areas extend their services to help the visitors, as do many other service groups of the Laboratory. Just as important have been the activities of the National Accelerator Laboratory Women's Organization, which has planned many activities for the families of all of the visitors to make visiting wives feel at home. NALWO members also provide language teachers for visiting wives who wish to take lessons.

"BLOOD SUPPLIES LOW; DONORS BEING SOUGHT"

This and similar headlines have appeared daily in the Chicago newspapers recently. Half of the blood that is donated in the Chicago area comes from bloodmobile visits such as the one to be conducted at NAL on Wednesday and Thursday, August 1 and 2. At least 200 NAL employees must donate in order that coverage for all employees can continue. Vacation schedules threaten the goal this year, as well as the fact that a large percentage of volunteers are usually ineligible for one of several legitimate reasons.

Call Ext. 3232 NOW to make your appointment for a donation. Remember too, that another adult member of your family may make your donation if you are not eligible.

Visiting experimenters may have coverage for a year for themselves and their families if they donate at this time. They are not part of the NAL group coverage.

NAL PHOTOS ON SALE

Four different colored prints of photos of NAL are now on sale at the Public Information Office Exhibit Hall, 18 Sauk in the NAL Village, at \$1.00 each. The selection includes an aerial view of NAL, a close-up of the NAL buffalo, the NAL Linear Accelerator, and an interior view of the NAL Main Ring Tunnel. The photos are captioned. Other photos may be made available for sale.

There will be someone in the Exhibit Hall between 8:30 a.m. and 5:00 p.m., Monday through Friday to handle the sale of photos. For further information, call Ext. 3341.

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IN THE NAL AREA...

The Summer Place, Inc., Naperville's community summer theatre, will present Lerner and Loewe's great musical hit, "My Fair Lady" as its final production of the 1973 summer season. The musical will open on Thursday, August 2 and run for eight performances, Thursday through Sunday for two weeks. Tickets are \$3.50; \$2.50 for students. Curtain time is 8:30 p.m. with a special early curtain on Sundays at 7:30 p.m. For information call the box office, 355-7969, open daily from 1:00 to 6:00 p.m.

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"BOLSHOI BALLET"

Saturday, August 11th

Tickets for the Saturday, August 11th program of the Bolshoi Ballet are on sale at the NAL Visitors Center, 33 Shabbona, Ext. 3560. The performance will be at the Auditorium Theater, Chicago, at 8:00 p.m. Tickets are \$12.50 and \$10.00 and DO NOT include transportation.

It has been seven years since the Bolshoi was last in the U.S. The present company includes 75 young dancers from the 200-year old Bolshoi Dance Academy in Moscow, including a 13 year old boy described by critics as "a most remarkable dancer...already...with the manner of greatness." The program for the evening is announced as Chopin, Highlights (excerpts from the Bolshoi repertoire), and Ballet School.

NAL employees and visitors are encouraged to take advantage of this rare, exciting evening of entertainment.

SECOND SWIM SESSION FOR NAL CHILDREN



...Brian Buck with some of his young students...

A second session of swim lessons for children of pool pass holders will begin on Wednesday, August 1. Registration will be held at 9:30 a.m. on that day at the pool. Twelve hours of instruction will be given at a cost of \$6.00. Water Safety Instructor Brian Buck will determine which class the students should enter at the time of their registration. At least 10 students are required to make the classes worthwhile.

For further information, call Eric Jarzab, Ext. 3396, Personnel Office.

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JUST A REMINDER...

The recreational equipment available to employees and visitors in the NAL Personnel Office has never been used as much as this summer. However, some people are being disappointed because the equipment is not there for the time they reserve it, and the reason is that someone else did not return it as they agreed to do. PLEASE return the equipment when you finish, and please check your cars for equipment that you forgot you had. The summer should be fun in the sun for everyone.

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SOFTBALL LEAGUE SCORES

<u>July 8 &amp; 9</u>		<u>July 11</u>		<u>July 16</u>		<u>LEAGUE STANDINGS</u>	
Physics Research	12	Physics Research	42	Physics Research	24	Physics Research	7-0
Been Transferred	1	Operators	3	Receiving	16	Radio Frequency	3-2
Radio Frequency	18			Radio Frequency	11	Receiving	3-2
Operators	1			Been Transferred	20	Been Transferred	1-5
						Operators	1-6

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MARK YOUR CALENDAR....NAL Family Picnic - Sunday, August 19 - all day...

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FOR EMPLOYEES' BENEFIT

NAL employees, except short-term appointees, are enrolled in the Laboratory's long-term disability benefits plan from the date of their employment. Coverage begins six months after employment. The plan pays 60% of earnings for the duration of a disability. Cost to the employee is 1/3 of 1% of covered salary.

NOTE: There will NOT be an issue of THE VILLAGE CRIER on Thursday, August 2 while the editor is on vacation.

CLASSIFIED ADS

FOR SALE - 1972 Olds Toronado, 2 door, pwr/s/b, elec. window, AM-FM stereo, \$4000 or best offer. Call George Paliulionis, DUSAF, 879-2755.

FOR SALE - 1972 Ford Pinto Wagon, 2 door, 4 spd. Will include FM radio & tape player. Call Dexter Perkins, Ext. 3428 or 896-9165.

FOR SALE - 1963 Chevy Impala Convertible, 283 Eng., p/s/b, new tires, \$275. Call Ken Fitzgerald, Ext. 3435 or 964-4860.

FOR SALE - New Dunlap Maxpower golf clubs, 4 woods, 9 irons with Burton Bag & club covers, steel shafts. Won at raffle. Lists for over \$400, asking \$275. Call Ray Carra, Ext. 3435 or 725-1439.

FOR SALE - Dinette set, 1 mahogany four post bed & dresser, 2 occasional tables, davenport, Hoover rug shampooer, snow blower & other household goods. Call Ed Brezina, Ext. 3580 or 323-0794.

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