



# BROOKHAVEN BULLETIN

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September 23, 1971

## CERN Conference On Accelerators

The Eighth International Conference on High Energy Accelerators, in which 300 of the world's top experts in accelerator techniques met to exchange news on their projects, opened at CERN on September 20 and will last through September 24. Ninety laboratories are represented.

The series of conferences is sponsored by the International Union of Pure and Applied Physics (IUPAP). Conferences are held once every two years, the location being in rotation, Europe, the USA and the USSR. The last European conference was held in Frascati in 1965.

Among the projects to be discussed at the conference are: Serpukhov - the largest operating accelerator in the world; NAL, Batavia - the largest accelerator under construction; SPS, CERN - the largest accelerator projected; ISR, CERN, the machine which produces the world's highest collision energies.

There will be sessions devoted to storage rings, superconductivity, electron ring accelerators and other unconventional devices during a week of intensive study.

## Twelve Injured In Oak Ridge Accident

Twelve persons were injured on Thursday, September 16, in explosions resulting from an electrical equipment failure in a building at the Oak Ridge Y-12 Plant. The accident did not involve nuclear materials.

Most of the injured suffered burns when circuit breakers on the second floor of the building exploded. The building is used for controlled fusion research work.

The accident occurred when personnel were attempting to de-energize a 13,800 volt circuit breaker in the building. The equipment exploded causing minor injuries. Personnel then went to de-energize the main circuit breaker. It was at this point that this second circuit breaker exploded causing the remainder of the injuries.

Cause of the accident has not been determined. A committee consisting of AEC and Union Carbide Corporation personnel has been formed to investigate the incident.

The Y-12 Plant is operated by Union Carbide Corporation for the Atomic Energy Commission.

## French Group Meets

The French Group of BNL will hold its first meeting of the season on Thursday, October 7 at 8:15 p.m. in the North Room of the Brookhaven Center. The evening will be spent in viewing color slides of France and in discussing activities for the remainder of the year. Among the possibilities to be considered are: films, a theatre party in New York City, an evening of folk singing, play readings, and a wine and cheese tasting.

The French Group was formed here in 1969, and anyone interested in the language or culture of France is cordially invited to join. The annual dues of \$10 include a membership fee for the Fédération des Alliances Françaises aux États-Unis. Individual events may be attended by paying a fee of \$1.50.

## Long Island Sound



The Long Island shore of the Sound is known for its high banks. From Port Jefferson east to Orient Point there are very few protected harbors. The inlet at Wading River can be used for only the smallest boats. Stone jetties built for channeling cooling water to the Shoreham plant are used constantly by local fishermen. The next inlet for boaters east of Mt. Sinai harbor is at Mattituck.



The Long Island Sound region showing power plants in operation or being built on the Long Island side.

## IAEA Positions Available

The Office of Scientific Personnel has received new job descriptions for IAEA specialists in the fields of radioentomology,

nuclear fuel analysis, radiation protection, and project managers, for assignments up to three years in duration. For details see the Office of Scientific Personnel bulletin board, 40 Brookhaven Avenue.

## View From A Magnet



Carmen Espinosa (left), a La Guardia College freshman, inspects an AGS magnet section with Gregory Bagley, an Engineer in the Accelerator Department. Miss Espinosa was part of a group of 29 La Guardia College students who visited Brookhaven on September 15 for a tour of the research facilities, including the HFBR, AGS and HIRDL.

## Energy Plan For LI Sound Region To Be Explored

Public officials, utility executives, planners, and scientists will meet at Brookhaven on October 5, 6, and 7 to consider the energy component of planning in the Long Island Sound area.

The Conference, entitled Energy, Environment and Planning - The Long Island Sound Region, is intended for those in the utilities, state governments, and regional organizations with responsibilities in this and related areas of planning, and for members of the scientific and technical community of the region who must provide information to the planning process.

The primary focus of attention will be the future development of central station power in the region but this subject will be examined in a broad context with regard both to technical options and to social, environmental, and planning implications.

A basic assumption of the Conference is that there are significant technological and scientific components in any solution to the regional energy planning problem and that the means of acquiring, and particularly of using, the requisite scientific and technical knowledge have not been sufficiently well defined. The Conference, therefore, will have two specific intents.

The first is to provide a format for the interchange of information between the various groups having inputs to or responsibility for energy planning. Publication of the full proceedings of the Conference will assure that this information will be available to a wide audience including the general public.

The second intent is to frame recommendations for integrating pertinent scientific and technical information into the energy planning process. To accomplish this end, and in keeping with the overall intent of the Conference, the general framework will be that of a working meeting. Papers will be available in advance and formal presentations will be limited to brief summaries with the emphasis placed on discussion. One or more committees will operate during the Conference to frame recommendations.

It is recognized that, in the long run, regional planning must consider the entire Northeast United States and must encompass all aspects of development. The focus of the Conference has been narrowed to the Long Island Sound Region partially for reasons of practicality but also because it is one of the most critical areas in the sense of limits of development. With the inclusion of New York City, it involves all of the most difficult implications of growth and thus the most pressing problems of planning.

The limitation to the energy domain is based on three considerations: First, energy consumption is directly linked to various modes of development (population increase, industrialization, etc.). Secondly, the environmental effects of various activities are, in great measure, related to energy use. Thirdly, the time scale of the planning of power production necessitates a distant planning horizon; because of the time in-

(Continued on page 2)



The Philadelphia String Quartet

## New Season For BERA Concert Series

The Concert Committee has announced the program for the 1971-72 season. This year, the Committee has reverted to a temporarily abandoned tradition of presenting only five concerts, as follows:

- Wed., Oct. 20 Cleveland Quartet
- Tues., Nov. 30 Julius Baker, Flutist
- Wed., Jan. 12 Robert White, Tenor
- Tues., Feb. 29 Philadelphia String Quartet
- Thurs., Apr. 6 Albert Fuller, Harpsichordist

The Cleveland Quartet was launched in 1969 with a brilliant debut at the Marlboro Music Festival. Its recent successes leave no doubt that the Cleveland Quartet will become one of the most important Chamber Music ensembles America has ever produced.

Julius Baker, the renowned solo flutist of the New York Philharmonic, is one of the world's greatest masters of his instrument. "He is the supreme master of his instrument, and he produces what is *surely* the most glorious tone that ever came out of a flute: big, round, cool, white, radiant as a September moon" (Time Magazine).

Robert White has sung in opera and oratorio with many leading musical organizations here, including Leonard Bernstein and the New York Philharmonic. A few months ago he won critical acclaim for his singing in the opera "Medea in Corinto" at Alice Tully Hall. On a more intimate scale, he is renowned as a performer of Elizabethan and Jacobean songs, and has entertained both at BNL and at the White House in this role. His delivery has a rare clarity so that the full poetry of these delightful and at times spicy lyrics is conveyed to the listener.

The Philadelphia String Quartet, consisting of former members of the Philadelphia Orchestra, was founded sixteen years ago. They have specialized in both the classical and contemporary repertoire, and have attracted wide attention for the epic six-concert Beethoven-Bartok-Schönberg cycle they performed at Carnegie Hall in the 1963-64 season.

Albert Fuller needs little introduction to BNL audiences. He is recognized as one of the most distinguished solo keyboard performers of our time. "Dazzling fingerwork with a display of great and exciting control" (The Washington Post).

All the concerts in the BERA Concert Series will be presented at 8:30 p.m. in

Berkner Hall. Series tickets will be priced at \$12 for adults and \$6 for those under 18. The public is cordially invited to attend and may purchase either series or single admission tickets. Series tickets will be available through departmental representatives, and both series and single admissions can be purchased at Berkner Hall on the evening of the concert.

### Judo Club Action Resumes

On Tuesday, September 28, the Judo Club will start the fall season with classes at the Gymnasium. Beginners will be welcome.

Call Activity Chairman Robert Marascia, Ext. 2556, for further information.

### Safety Glasses

There will be no dispensing of safety glasses during the weeks of October 4th and October 11th due to the optician's vacation. For emergency equipment, contact the Safety Office.

### August Retiree



Malcolm McCrum, a Technical Associate in the Accelerator Department who had been employed at BNL since March 22, 1948, retired on August 31.

## LI Sound Region (Continued)

involved in power plant construction and useful life, decisions made today in this area will have direct repercussions well into the 21st Century.

This then indicates the significance and urgency of planning in the energy domain in the Long Island Sound Region and the potential significance of the Conference. It is hoped that the Conference itself will be a step toward a more active collaboration in the public interest between utilities, government, planners, and the scientific community in this region.

The Conference, organized by Phil Palmedo and Murrey Goldberg of the Department of Applied Science, will be in Berkner Hall. At the Conference dinner on Tuesday evening, John S. Toll, President of the State University of New York at Stony Brook, will be the speaker.

Conference sessions will be chaired by: R. Christian Anderson, Office of Scientific Personnel; Vance L. Sailor, Physics Department; Clarke Williams, Regional Marine Resources Council; J.B.H. Kuper, Directors Office; Leland J. Haworth, AUI; and Philip F. Palmedo, DAS.

## Theater Group Meeting

The BNL Theater Group will meet in the Recreation Building on Tuesday, September 28, at 8:30 p.m.

In addition to the regular business meeting the program will include a prepared reading of "If Men Played Cards As Women Do."

Newcomers are cordially invited to attend.

## Tennis News

Mixed Doubles produced a winner last Thursday, with Helen Connell and Steve Feldberg taking the best of three sets from Marta and Andy Kevey, 6-4, 1-6, 6-4. For details, see the story elsewhere in this issue of the *Brookhaven Bulletin*.

In the Men's Singles, Jim Brandon outlasted Andy Kevey in the semifinals last Friday with scores of 4-6, 6-4, 6-4. At the time this is being prepared for publication (Tuesday afternoon) the weather looks fine for this evening's scheduled finals between Allan Auskern and Jim Brandon.

Flash! In the Men's Singles Finals, Brandon won by 6-1, 1-6, 6-3. See next week's issue of the *Brookhaven Bulletin* for the story.

## Hospitality News

The next Hospitality Committee morning coffee will be held from 10:00 a.m. until noon on Monday, September 27, in apartment 2A in the apartment area.

Everyone is welcome - bring the children.

## Selected Reading

- Science 173, September 3, 1971
- Women in academia. A.Y. Lewin and L. Duchan. 892-5
- High energy physics: In-group talk funds, possible closeouts. D. Shapley. 897-9
- Science 173, September 10, 1971
- The community of science and the search for peace. P. Doty. 998-1002
- Nuclear power in the U.S.S.R.: American visitors find surprises. R. Gillette. 1003-6
- The Berkeley scene, 1971: Patching up the ivory tower. R. J. Bazell. 1006-8

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Published Weekly for the Employees of Brookhaven National Laboratory

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Public Relations Officer

## Letters To The Editor

Dear Sir:

In view of the fact that retirement plan participants are now being afforded the option of selecting their TIAA-CREF allocations on a quarterly basis, we should like to request that appropriate financial information be made available in the *Brookhaven Bulletin*. In particular, on a monthly basis, the valuation of the CREF accumulation share at the end of the month and of the twelve preceding months should be published. These numbers are usually available from CREF a few days after the first of the month.

We look forward to the commencement of the "Financial Section" of the *Bulletin*.

E.H. Auerbach

A.Z. Schwarzschild

Editor's Note: *Good Idea! We will start the "Financial Section" as soon as we can obtain the figures.*

## Cafeteria Menu

### Week Ending September 30, 1971

- Friday, September 24
- New England Clam Chowder
- Poached Filet of Sole
- w/Tartar Sauce & French Fries .95
- Fried Scallops w/Tartar Sauce
- & French Fries .95
- Roast Beef & 1 Veg. .85
- Monday, September 27
- Puree of Mongole Soup
- Spanish Omelet & 1 Veg. .80
- Baked Macaroni au Gratin w/Bacon
- Strips & 1 Veg. .85
- Boiled Beef w/Beet Relish & 1 Veg. .85
- Tuesday, September 28
- Vegetable Soup
- Manicotti w/Meat Sauce & Tossed
- Salad .85
- French Fried Chicken Salad Sandwich
- & Cole Slaw .85
- Pork Chow Mein on Rice w/Crisp
- Noodles .85
- Wednesday, September 29
- Turkey Noodle Soup
- Corned Beef & Cabbage w/Boiled
- Potato .95
- Spaghetti w/Italian Sausage & Peppers .90
- Grilled Chopped Beefsteak & 1 Veg. .80
- Thursday, September 30
- Onion Soup w/CROUTONS
- Veal Parmigiana w/1 Veg. .90
- Braised Chicken Leg & 1 Veg. .85
- Baked Stuffed Green Peppers & 1 Veg. .85

## Arrivals & Departures

### Arrivals

- Lawrence T. Arnold ..... Accelerator
- Richard D. Field, Jr. .... Physics
- James T. Hughes ..... P.E.P.

### Departures

- Gloria Emanovsky ..... Instru. & H.P.
- Krystal G. Grigsby ..... Applied Science
- James D. Larson ..... Physics
- George T. Leverock ..... Supply & Material
- Ralph A. Mitchell ..... P.E.P.
- Ken M. Moy ..... Physics
- Cheng Teh Ting ..... Chemistry

## Connell-Feldberg Win

Player	Box Score								
	S	FSF	DF	SA	GW	GL	LG	DGW	DGL
S. Feldberg	76	23	1	1	7	1	1	1	0
H. Connell	48	10	1	0	3	3	0	0	1
A. Kevey	50	13	1	0	6	1	2	1	0
M. Kevey	46	7	0	0	4	2	0	1	0

If tennis were only as simple as baseball, a box score would be a convenient way to summarize the match. Illustrated is what a box score might look like for this match. Except for service aces (SA), the Keveys are clearly ahead in the statistics: the lesser number of serves (S); the lesser number of first service faults (FSF); the lesser number of double faults (DF); the same number of games won on service (GW); the lesser number of games lost on service (GL); the greater number of love games won on service (LG); the greater number of deuce games won on service (DGW); and the lesser number of deuce games lost on service (DGL).

It was hot and humid last Thursday evening on the tennis courts when Helen Connell and Steve Feldberg bested Marta and Andy Kevey in the tightly fought championship match in Mixed Doubles of the 1971 BERA Tennis Tournament. The quality of play was as hot as the torrid weather, the match going to three sets before Connell and Feldberg emerged victorious with scores of 6-4, 1-6, 6-4.

Following completion of the first four games in the opening set, the Keveys were ahead, 3-1, by virtue of Connell's loss of service in the third game in which she had held the advantage. The score then went to 4-2 when both men held service. At this point, Connell and Feldberg came back with a rush and surged forward with a clean sweep of the next four games, taking the set while losing only five points along the way.

The second set was a complete turnaround, easily won by the Keveys. Connell and Feldberg could put together no more than two points in any single game except the third, in which Feldberg held service.

The final set evolved into a more evenly matched battle in which the team on service had the slight edge, as is generally the case in closely contested tennis. And, as is often the case in mixed doubles, the men began to concentrate their attacks on the lady opponents. Both ladies responded with vigor and often gave back more than the men had bargained for.

The only service break in the third set, a third game loss by the Keveys, ultimately provided the margin of difference.

However, even in the tenth game the outcome of the match was still uncertain until the final point was scored. In this tenth game, the longest of the match, Feldberg had to serve twenty-four times. The game required sixteen points, was at deuce five times, and reached match point four times. Although the Keveys fought back gallantly from match point three times, and twice got within a point of tying, Connell and Feldberg persisted in their attack and could not be stopped.

Unfortunately for the Keveys, and fortunately for Connell and Feldberg, tennis is not a game of statistics. Winning more sets than the opposition is the only thing that is important. It doesn't matter whether the wins are hard or easy, whether the games lost are one-sided, whether the games won total less than the opposition's.

The important thing is that the crucial games are won, since it is generally recognized that victory goes to the team that wins the crucial games. In the really crucial games, superior concentration, determination, persistence, and not a little bit of luck are often the ingredients that provide the edge which means the difference between victory and defeat. Connell and Feldberg amply demonstrated these attributes where and when they counted the most, as in the final game of the third set.

## Diamond News

by Dean Easler

The week of September 6th found the 1971 BNL Softball Season come to an end with decisive games being played in both the National and Laboratory Leagues. Beginning with the Laboratory League, it was a final battle between the Phoubars and Bio-Meds who had already played several tough games during the season.

Having won the First Half playoff game, the Bio-Meds were victorious again in a good ball game as they defeated the Phoubars by a score of 8-5. Details reveal that the game was tight as going into the bottom of the 5th the score was tied 2-2. But it was here that the Bio-Meds scored four runs on back-to-back triples by Bob Bores and Tom Welton to open up the game. They held on in the 7th as the Phoubars scored three times to challenge but not overtake the Laboratory Champions-to-be. Congratulations Bio-Meds!

September 8th was the day of the first National League play-off action as the Pop-Ups and the boys from S&M played to determine the First Half winner as both teams had identical 5-1 records.

A well played contest ended with S&M edging the Pop-Ups 10-8. Big Stan Mars provided the turning point in this one as he knocked in two runs in the 6th inning to put S&M ahead to stay. At this point both teams had won one half of the split season so they played for all the marbles on Thursday night September 9th. Unfortunately for the Pop-Ups, this championship game had to be played with only eight men and of course that has to hurt. However, the game turned out to be quite a contest as S&M won it 17-14. Big bats blasted away for S&M in the 3rd inning as they scored nine runs with G. Dioguardo homering and Ron Mulderick collecting two round-trippers in that same inning.

The Pop-Ups were held scoreless for the first four innings but then came with their strong finish scoring fourteen runs in the last three innings. The Pop-Ups hold the best regular season record of any BNL team this year at 14-1. For S&M, the team ended the season with a .545 batting average. Leading the way was L. DiCarlo, the team batting champ, with a seasonal average of .714. Congratulations S&M!

Congratulations have already been extended to the Championship Old Timers in the Brookhaven League which concludes the list of winners and also the softball season - another exciting one indeed despite the fact that it was somewhat unusual.

See everyone again next year down at the ole ball park.

The competitive portion of the Softball Program has ended and now it's time for the social.

## BNL Camera Club Starts New Season

With the end of summer in view, the BNL Camera Club is preparing to renew its activities. A first meeting for members, sympathizers, and other categories of amateur photographers is now announced for Tuesday, September 28, at 8:00 p.m. in the Recreation Building at the Apartment Area.

At the meeting officers will be elected, more or less democratically. Movies and slides from Kodak and GAF will be selected for shows in the next few months. An added feature will be a visit from Mrs. Gaynell Levine, an expert on ancient Long Island tombstones. She will show some slides about her work and will attempt to recruit photographers who will help her in her work.

You all come! Besides, a new list of paid up members will be drawn, and if you are not on it, you can't use the darkroom.

—Jorge Llacer

## Bowling News

Grace Fales

### RED LEAGUE

Sort of a slow start here, with only two teams coming in with 200 bowlers - For the Neutrons J. Petro 201/212, R. Larsen 202, and for the Alphas R. Wilson 205.

### PINK LEAGUE

The Pink League started off with a lot of laughs and fun for all. Would be strike balls ended in the gutter and more than likely gutter balls ended in some nifty conversions of splits/spares. Highs were: H. Caisey 184/500, M. Stoeckel 183/498, G. Fales 184/481, P. Oster 178, A. Bangel 174, M. Mayhew 165, and E. Murgatroyd 163. That's all there is, there is no more.

## Football Notes

by Jack Brennan

The three pre-season favorites, the Gazelles, Slow Pokes and Highballs, won rather handily last week.

The Gazelles' defense scored two TD's as they beat the Red Dogs 38-0. A. Fogarty had two TD's for the Gazelles.

The Highballs beat the Super Sutures 32-0 as J. Crow and E. Taylor each had two TD's.

The Slow Pokes beat the Phoubars 47-6 as B. Jansson and M. Gottfried of the Pokes had three and two TD's respectively.

	Won	Lost
Gazelles	2	0
Highballs	1	0
Slow Pokes	1	1
Phoubars	0	1
Red Dogs	0	1
Super Sutures	0	1

## Recreation Facilities

### Gymnasium

	Mondays
5:00 p.m. - 9:30 p.m.	General Activities
	Tuesdays
5:00 p.m. - 7:00 p.m.	Judo Club
5:00 p.m. - 9:30 p.m.	General Activities
	Wednesdays
5:00 p.m. - 9:30 p.m.	General Activities
	Thursdays
5:00 p.m. - 7:00 p.m.	Judo Club
5:00 p.m. - 9:30 p.m.	General Activities
	Fridays
5:00 p.m. - 9:30 p.m.	General Activities

Recreation Building  
(Tuesdays through Thursdays)  
5:00 p.m. - 10:00 p.m.

## Classified Advertisements

### Positions Available

The Brookhaven Bulletin each week will list job openings which have come to our attention and may be of interest to Lab employees. Each listing will be repeated (if still available) only once.

DATA SERVICES ASSISTANT - National Neutron Cross Section Center, Department of Applied Science.

CUSTODIAN (4) - Plant Engineering and Planning Division.

OPERATIONS ENGINEER - E.E. with software and hardware computer experience. Accelerator Department.

DEVELOPMENT ENGINEER - Accelerator Department.

SUPPLY & MATERIEL SR. CLERK (1) - Supply & Materiel. Application deadline: October 4, 1971.

For further information, please contact Employment Supervisor, Ext. 2109 or 2513.

### Autos & Auto Supplies

71 PONTIAC VENTURA II - 6 cyl, auto trans, r/h, 6000 mi, son's car-must sell. \$2675. Tom, Ext. 7508.

68 VW BUG - Red. Asking \$1100. B. Museler, Ext. 7676.

63 BUICK LE SABRE - 4 dr sedan, everything auto, air cond. \$150. 475-9294.

65 BUICK LE SABRE - 4 dr hdtp, excel cond, low mileage, V8, ps. \$695. 286-9260.

65 FORD 3/4 TON PICKUP - Good tires. \$200. O. Medeck, Ext. 316, 363-6439.

63 RAMBLER - 6 cyl, auto trans, it runs. \$75. 281-9559.

63 CHEVY S/S - Bckts, V8, 409 eng, excel cond. Mac, Ext. 638, 653-5238.

64 CHEVY IMPALA - 250-327 eng, V8, 4 on the floor, std, posi. 924-8547 after 6.

46 JEEP - 4 w/d, w/hyd snow plow & route. \$700. R. Dobert, Ext. 7821.

60 RAMBLER STATION WAGON - Manual shift, 25,000 mi only on 2nd motor. \$100. 289-0886.

63 FORD COUNTRY SQUIRE WAGON - V8, needs some work. \$250. Ext. 7617, 325-0609 eves.

TIRE CHAINS - Never used, fit 6.00x16, 7.50x14, 6.70x15. Orig cost \$10 but useless for my beetle, will take \$5. Marty, Ext. 2503.

68 CHEVY NOVA COUPE - Red/vinyl roof, 6 cyl auto, radio, new brakes, exhaust, excel. \$1200. B. Cahill, Ext. 2478, 732-9102.

70 BUICK LE SABRE CUSTOM - Blue Tudor hdtp, blk vinyl int & roof, 17,000 mi, reg gas, 3 spd auto trans, air cond, ps/pb, w/w. \$3395. Al, Ext. 2368.

13" WHEELS - 4 lug, Comet, Corvair, \$2 ea; 12v gen, GM type. Bob, Ext. 2450, 289-0357.

TIRES - Dunlop 7.00x13, 2000 mi since new. Orig \$60, sell \$40. 475-7227.

68 PONTIAC TEMPEST - 2 dr hdtp, V8, ps, auto trans, posi, vinyl roof, turquoise. L. Emma, Ext. 591.

5 RIMS - W/bald tires for beach use (jeep utility wagon). \$50. George, Ext. 567.

66 VW BUG - 46,000 mi, snows, am/fm radio, good cond. Butch, 475-1721 after 5.

TAPE PLAYER - 8 track stereo cartridge, for automobile. \$20. Carol, Ext. 7732.

66 PONTIAC BONNEVILLE - 2 dr, V8, excel cond. \$800. J. Petro, Ext. 548, 286-8249.

BRIDGESTONE TMX TRAIL BIKE - 100 cc, excel cond, 1 yr old. \$300 firm. 732-3296 after 5:30.

68 PLYMOUTH GTX - 400 cu in, 400 hp, 3 spd torque flight, 4:10 posi, 5 brand new tires, vinyl top, bckts, console, ps, pw, mags, alarm, Hooker headers, 28,000 orig mi. \$2000. 286-0641 after 5.

61 FORD FALCON - Removing from road, needs work. Ext. 7231.

64 OLDS VISTA CRUISER - 20,000 mi on eng & trans. \$650. 289-8236 after 6.

61 MERCURY - 352 eng, needs valve job. Ext. 7231.

15" RAMBLER RIMS - \$2.50/both. M. Strongson, Ext. 2727.

62 FORD FALCON PICKUP - Rebuilt eng 1970, good running cond. \$400. Frank, Ext. 2872, HR2-1206.

69 AMX - 390 cu in, 4 spd, posi, ps, p/disc brakes, mags, low mileage. \$2095. 286-0146 after 6.

68 RIVERSIDE MOTORCYCLE - 125 cc, low mileage. \$150. 744-2083 after 4.

CLASS "A" HITCH - For Mustang \$25; 2 studded snows & wheels for Mustang, \$15 ea or \$25/pr. Ext. 7821, 744-6174.

49 WILLY'S JEEPSTER CONV - Recent brake job & front end rebuild, in use daily, needs some work. Jeff, 286-9152.

1960 CHEV. 6 CYL STATION WAGON - Not much to look at, but runs well, best offer over \$100. Charlie, Ext. 561, 2588, AT6-9385.

### Boats & Marine Supplies

70 STARCRAFT - W/motor, trailer, navy top, PB shift, like new, extras, must sell. Mike, 281-6070 after 6.

SOUTHCOAST 23' SLOOP - 1971 Hard, main, #1 genoa, spinnaker, good working job, #2 genoa, spare main, bow & stern, pulpits, LL, cushions 6 hp Evinrude, extras. Pat, Ext. 574, 744-8623.

14' THOMPSON - Top & side curtains, steering controls, elec starter. \$100. Ellie, Ext. 7610.

16' THOMPSON LAPSTRAKE - Fair cond, 40 hp Evinrude elec start, excel cond. \$300. HR3-1578 eves.

26' OWENS CRUISER - Excel cond, must sell due to illness. Best offer over \$2000. 289-1568 after 6.

36' CHRIS CRAFT COMMANDER 1955 - Sleeps 6, 200 hp twin screw engines, hot water, shower, ss, depth finder, compl refinished. \$8500. 286-8667.

32' CHRIS CRAFT SEA SKIFF - 1970 twin 210 hp f.w. cooled-35 hrs, Flying Bridge, radio, telephone, many extras. \$8900 firm. 473-1440, 9-4:30.

21' FINLANDER SEA SKIFF - Excel cond, rebuilt 70 hp Universal inboard, s/s radio, dual batteries, monel tank, winter cover, etc. Ext. 2119.

SAILFISH - Good cond. \$175. J. Bennett, 727-7209.

9 1/2' SAILING DINGHY - Fiberglass, dacron sail, sturdy & dry, used only 1 season, excel cond, extras. P. McHugh, Ext. 7163, 586-3579.

12 1/2' DUCK GUNNING PUNTY - W/canvas cover, stool rack & cushions. \$100. 286-0623.

17' O'DAY DAYSAILER - Fiberglass sloop, w/trailer, ideal family boat. 475-4103.

### Miscellaneous

CHILDREN'S SKIS - 4' binding & poles, \$6; boot lace, size 13, \$6; boot buckle, size 2, \$9. Ext. 7353, 587-9372.

SKI BOOT - Men's size 13, lace, good cond. \$15. Ext. 7353, 587-9372.

120 BASS ACCORDIAN - Intermediate Dick Cortino model, good cond. \$75 firm. Ext. 7188.

TRAILER HITCH - For 69 VW Bug; 50 lb navy anchor; 18 tooth clam rake. L. Decker, Ext. 629.

MODEL 94 WINCHESTER 30-30 - Never used, new, 1 pr old, peep sight, gun case, box of ammo, compl w/sling. \$100. Ext. 2221.

GE FLOOR WAXER-WASHER - \$15. Ext. 2515.

KITCHEN SET - Beige formica, table w/leaf, 4 chairs, excel. \$25. 281-8557.

BEAUTIFUL MAHOG CREDENZA - Like new, 6'x1 1/2', silver, dish, linen storage, hand-tooled leather desk combined. Domish, Ext. 648, 744-0235.

SCOTTE SPREADERS - Good cond. \$7 ea, \$12/both. Bob, Ext. 316, 732-9517.

KITCHEN SET - Good cond. \$15. Bob, Ext. 2450, 289-0357.

MAHOG COFFEE TABLE - \$7; vaporizer, \$3; size 12 boy's new ice skates, \$4; hand mower, \$3; life jacket, \$2; TV stand, \$2. 924-6977.

KITCHEN SET - Wood table w/metal top 25x40 w/2-10" leaves & 4 chairs, very good cond. HR2-0552 after 6.

68 SWISS COLONY TRAVEL TRAILER - Sleeps 6, compl self contained, excel cond, best offer. 325-8604.

WATER HEATER - 40 gal, glass lined, for bottled gas, very good cond. Ext. 7691.

SOFA - Green, reasonable cond. \$15. 924-3066.

ARE YOU INTERESTED - In having private lessons in conversational Spanish? If so, call 286-0851.

CUSTOM TAILORING & ALTERATIONS - Men's & women's clothing. 286-3454 after 7.

ELEC DRYER - 5500w-220v, works well but noisy. \$15. Nick, Ext. 2814, 924-6728.

DRUM SET - Compl set, 3 tom-toms, bass, snare, hi-hat, cym. Orig \$200, sacrifice \$125. 475-7227 after 5.

HUMIDIFIER - Deluxe Westbend model 4014, excel cond, used 2 mos. Orig \$100, for \$65 firm. 878-1456 after 4.

VACUUM CLEANER - Hoover upright, used 2 hrs only. Cost \$65, sell \$45. R. Ince, Ext. 2295.

WEDDING GOWN - Size 12, train attached, white. \$30. 878-1456 after 4.

UNUSUAL COUNTRY TABLE - Old, 5 legs, 1 drop leaf, 1 drawer, pine top, oak legs. \$40. Trudy, Ext. 7184.

INTERIOR PAINTING - Done eves. For info & estimate, 924-4539 eves.

OLD MATTRESS - Dbl bed size, free. 751-3551.

WRL GLOBE CHIEF TRANSMITTER - & modulator, mike & key. \$40. Ext. 7328, 286-3912.

STOVE - Bottle gas 20" Norge. \$25. Susan, Ext. 670.

STERILIZER & BOTTLES - \$2; grandmother's special-stroller, \$1; Playtex nurser, \$3; infant chair, \$2.50; Slingerland snare drum, stand, music stand, brushes & sticks, \$25. Ext. 7328, 286-3912.

COLOR TV - Patern/Dot generator, Sencor, as new, \$80; Heathkit RF/AM signal gen, 100Kc-100Mc, \$20; extension ladder, 12/20', \$20. Ron, Ext. 610.

OPERA TICKETS - For Cavalleria/Pagliacci, Tues 1/18/72. Marie, Ext. 2588.

CITIZENS BAND RADIO - Sonar model E. \$50. 475-4199.

SONORA HAND CRANK RECORD PLAYER - Floor model. \$50. Mrs. Heinrich, 744-6211.

SIAMESE KITTEN - 1 delightful female needs a home. \$15. Fran, Ext. 7805.

SHARP 17" TV - 1 1/2 yrs old, excel cond, reasonable. Olness, Ext. 2218.

MOD WALNUT TABLES - 2 end & 1 coffee. \$30. 286-8624.

US & FOREIGN COINS - Old phonograph records & bks. O. Booker, Ext. 2411.

GE CLOTHES DRYER - \$30; chest of drawers (2), \$12 ea; drop-side crib, \$8; ironing table, \$5. 286-0881.

GO KART FRAME - No brakes, throttle back wheels or eng. Asking \$10. 744-3339 after 5.

35 mm CAMERAS & ACCESS - Excell cond, Minolta SR7 w/case, Minolta Hi-Matic-7 viewfinder w/case, Honeywell Strobe. Dennis, 475-9395, 8-10 p.m.

3 PC BATHRM SET - White, used but in good cond. Asking \$25. 924-4228.

BICYCLE - Girl's 20" Schwinn, \$10; Brownie uniform, size 8, \$5; Brownie dress, size 10, \$2. 286-1205.

MEAT SLICER - \$5; crib & mattress, \$15; parrot cage, \$4; boy's ice skates, size 4-5, \$5/pr. Ext. 7821, 744-6174.

### Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

### For Sale

ROCKY POINT - 3 bedrm ranch, country kitchen, finished bsmt, garage. 744-8418 eves & weekends.

SOUTH HAVEN - Central hall colonial, 4 bedrms, 2 baths, 17x25 liv rm w/fireplace & french doors to study & screen porch, din rm, full bsmt, all elec, thermopane windows, vacuum cleaner system, over 1/2 acre heavily wooded, landscaped. \$38,000. 286-9602.

SOUND BEACH - 4 bedrms, 4 baths, plus income 3 rm apt, w/w, s/s, appliances, fin bsmt, beautifully landscaped, many extras, corner property. 744-2004 eves & weekends.

### For Rent

HOLBROOK-SAYVILLE - Spacious 2 bedrm mod apt w/dishwasher & air cond, unfurn, lg front lawn, near everything, rent reasonable, negotiable, avail 11/1. 589-2990.

ROOM - Priv bath-entrance, business person, references, avail 10/1. 281-7844.

E. PATCHOGUE - 12/1/71-4/1/72, furn 4 bedrm house, attractive neighborhood, very reasonable. 475-1844.

### Wanted

BY WA2 RDK - 20M SSB Xcvr. Rolf, Ext. 638.

CB ANTENNAE - Tom, Ext. 553.

TREE REMOVAL & CHAIN SAW - Also light hauling. Ken, 924-4539 eves.

TOM'S TV & RADIO REPAIRS - Expert TV service in the evening at minimum costs. 878-0567.

REFRIGERATOR - Old, but working for about \$50. 286-8206.

BABYSITTING - Mother of 2 wishes to care for your child at her home in Bellport. Nene, 286-2412.

LADIES' BIKE - Good cond, reasonable. Ann, Ext. 2819.

MAN & WOMAN'S ENGLISH RACERS - In any cond, either/or will do. L. Schomber, Ext. 7141.

TOP-LOADING CLOTHES WASHER - Reliable, no more than 8 lbs, looks no object, reasonable. Ext. 7420.

WILL DO ODD JOBS OF ANY KIND - Carpentry, cleaning, painting, etc; also sewing, altering clothes, etc. Jay & Kay, Ext. 7420.

SM PORTABLE CHORD ORGAN - For Sunday School in good cond, reasonably priced or tax deductible donation. 878-2239.

MATURE WOMAN - To care for school-age child, afternoons, 5 days/wk, Shoreham. 744-8765 after 6.

TREE REMOVAL - Tree pruning & chain saw service, exterior painting & grounds maint, etc. Bob, 732-9517.

LAWN MOWER - In good cond. Ext. 2122, 653-4195.

MOVING - Need lg clean cardboard boxes. D. Hirst, Ext. 7328, 286-3912.

HOME - For good natured male cat, good w/children & dogs. 751-0130 after 3.

### Carpools

STONY BROOK/STRATHMORE AREA - S. Heller, Ext. 2583; M. Strongson, Ext. 2727.

JOIN OR FORM CARPOOL - Babylon-W. Islip area. B. Crockett, Ext. 2479.

### Classified Ad Policy

#### Deadline is 12 noon Friday for publication the following week.

1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.

5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

For Sale: Auto & Auto Supplies  
 For Sale: Boats & Marine Supplies  
 For Sale: Miscellaneous

Wanted  
 Carpools  
 Lost & Found

Check  the heading applying to your ad.  
Print or type your ad in 20 words or less.

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the Office of the Brookhaven Bulletin, Room 112, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

Employee's Signature..... Life No..... Ext.....

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue