



Talking during a break in the High Energy Discussion Group (HEDG) annual meeting are, from left, HEDG chairman Michael Zeller, Nobel laureate Samuel Ting, James Leiss, Assoc. Dir. for High Energy and Nuclear Physics, DOE, and BNL Associate Director R. Ronald Rau.

—photo by Rosen

HEDG Hears Report on BNL Program

More than 120 physicists attended the annual meeting of the BNL High Energy users' organization Thursday and Friday May 24 and 25. Progress in the construction of ISABELLE and recent results from experiments at the AGS were the main topics discussed at the meeting of the High Energy Discussion Group (HEDG). Dr. James Leiss, Associate Director for High Energy and Nuclear Physics at the DOE, also spoke at the meeting. He discussed long range plans for supporting high energy physics research.

Members of the ISABELLE project talked about recent work and outlined plans for the future. The most striking aspect of ISABELLE at the moment is the site itself, which has been cleared of trees. Construction of the first cell of superconducting magnets is proceeding at the old Cosmotron building, and is expected to be

finished in the fall. Since the cost of experimental equipment is expected to exceed \$50 million, the construction of ISABELLE experiments will take place over several years. A call for proposals for major experimental facilities may be made in the fall of 1980.

The vigor of the experimental program at the AGS was illustrated by the experimental results presented at the HEDG meeting. Precision tests of fundamental theories of the weak and electromagnetic interactions are in progress, with other experiments searching (so far, in vain) for the most recent new particle state, called baryonium. Future AGS improvements will include an additional proton target station, and there will be collaborative work with members of the ISABELLE project aimed at integrating the operation of the two accelerators.

New Displays Featured At Exhibit Center

Several new displays at the Lab's Exhibit Center are sure to attract visitors to BNL throughout the summer's weekend tour season. On the opening weekend of June 9 and 10, for example, Lab guests will first meet the Exhibit Center's Atom Woman, the comic strip-like heroine who will answer questions such as what is an electron volt? How does water pressure at a depth of 3000 meters below the ocean's surface reduce the size of styrofoam coffee cups to miniatures?

New exhibits depict two aspects of research in chemistry. One display consists of 12 revolving panels which, when pieced together as parts of a puzzle, explain neutron diffraction. Stereoscopic pictures used by chemists to synthetically reproduce or improve a substance will also be on display.

At the push of a button, weekend guests at the Lab will activate a machine in a sec-

ond display which duplicates an experiment in inorganic photochemistry. A chemical capable of absorbing light is activated by a stroboscopic flash. The light is then detected and amplified. The process demonstrates the way light energy is temporarily converted into chemical energy. The technique is useful in the storage of solar energy.

A shortened version of a film prepared by the Lab for viewing at the Smithsonian Institute and entitled "The Atom Smasher—The First 50 Years," will be shown in addition to another film which depicts a journey at nearly the speed of light. Also back from the Smithsonian and on view at the Exhibit Center is the Lab's model of the Multi Particle Spectrometer.

The HFBR exhibit has been expanded and, this year, visitors will see the full-size

(Continued on page 2)

On The Track Of The Monsoon

For the past seven years, BNL meteorologists have been studying air-sea interactions and coastal meteorology off Tiana Beach on Long Island. In about two weeks, they will leave for India and transfer their attention to the Bay of Bengal during the monsoon season.

On June 16, S. SethuRaman, Ansel Tuthill and John Mc Neil will fly to Bombay, accompanied by 600 pounds of meteorological instrumentation, on the first leg of their trip to the beaches at Digha where they will be quartered until the end of July. Paul Michael, head of the Atmospheric Sciences Division, will join the experimenters about July 1.

The World Meteorological Organization project, in which BNL is participating, has two objectives. One is to understand the physical mechanisms that cause the monsoons in order to improve the short range predictions of these wind systems, their rainfall, and related events. The other is to explore how the atmospheric circulation around the globe is affected by the monsoons and, conversely, what factors in the global circulation affect their development.

A monsoon is a giant sea breeze which blows steadily for three months at about 20 miles per hour. During the months of March, April and May, air over northern and central parts of India heats up to temperatures over 100° F. This causes a trough to form over the northern part of the country along the Gangetic plains. Most of the monsoon rains are caused by depressions — low pressure areas which form at the head of the Bay of Bengal and move west-northwest along the trough to the central part of the country before filling up.

The Indian monsoon brings nearly 100% of India's rainfall during the months of June, July and August. In this period, the mean rainfall over the Indian plains is 36 inches, while for the rest of the year it is only 1.8 inches. There is also a winter mon-

soon which brings 75% of the rainfall to the Malay peninsula along the South China Sea and to the Indonesian Islands.

A native of Tamil Nadu in India, SethuRaman has, of course, experienced monsoons before. Actually, he says, the people in India welcome the monsoon as a "big relief" after the extreme heat which precedes it. Maximum rains fall along the west coast and north of central India. The rainfall is sporadic — sometimes none, sometimes a little and in some areas it rains for as long as two weeks straight. Monsoons are crucial in providing moisture for agriculture in these heavily populated regions of the world, yet very little is known as to how the systems operate.

In preparation for the summer study, SethuRaman went on a survey trip to India in January to select a coastal site and make arrangements for housing the instrumentation and the members of the group. Digha in West Bengal was selected due to its location close to the storm track. It is a resort area but, naturally, it is not a popular spot for tourists during the monsoon season. The instrumentation will be placed in a two-room cottage close to the water and the BNL team will live in what SethuRaman calls "an eastern type Holiday Inn" about half a mile away.

They expect to arrive at Digha about June 21 after stocking up on supplies in Calcutta. The first piece of equipment to receive their attention will be the meteorology tower which they are bringing with them. Each member of the group will carry with him from New York a ten foot section of the aluminum tower which will be assembled at Digha by an Indian contractor. The base for the tower will be an abandoned, but still solid, lightpost on the beach which has withstood monsoons for 20 years. A cable will be run from the instrumentation cottage to the tower.

SethuRaman says they will be conducting
(Continued on page 2)



Staff members of the Atmospheric Sciences Division making preparations for their trip to India to study the monsoon are (from left) Ansel Tuthill, John McNeil and S. SethuRaman (foreground).

—photo by Humphrey

Small Business Award



Nominated by the Laboratory, the Lesnor Maehr Manufacturing Corp. of Farmingdale, L.I., recently received the Small Business Subcontractor of the Year award. Making the presentation to Richard J. Maehr (left) president of the corporation, was Lauri N. Koivula (center) Small Business Administration representative. At right, Joseph Haeg, Division of Contracts and Procurement, represented BNL. Lesnor won out of a field of 23 candidates nominated in 1979 by prime contractors in Region II, which includes New York, New Jersey, Puerto Rico and the Virgin Islands. The corporation which received high ratings for its performance has done experimental complete machining and/or assembly of prototypes and made short run parts for BNL during the past 15 years. —photo by Humphrey

Cafeteria Menu

Week Ending June 8, 1979

Monday, June 4	
Potato leek soup	(cup) .30
	(bowl) .40
Turkey tetrazzini	1.30
Western omelette & 1 veg.	1.30
Hot Deli - Sloppy Joe	(on bread) 1.20
	(on roll) 1.30
Tuesday, June 5	
Split pea soup	(cup) .30
	(bowl) .40
Chinese pepper steak on rice	1.40
Poached filet of codfish & 1 veg.	1.40
Hot Deli - Pastrami	(on bread) 1.30
	(on roll) 1.40
Wednesday, June 6	
Cream of spinach soup	(cup) .30
	(bowl) .40
Breaded flounder filet & fr. fr.	1.40
Stuffed pepper & spaghetti	1.45
Hot Deli - Baked Virginia ham	(on bread) 1.30
	(on roll) 1.40
Thursday, June 7	
Beef barley soup	(cup) .30
	(bowl) .40
Tacos & refried beans	1.35
Scalloped ham & potatoes	1.35
Hot Deli - Roast Turkey	(on bread) 1.30
	(on roll) 1.40
Friday, June 8	
Fish chowder	(cup) .40
	(bowl) .50
Filet of fish Parisienne	1.40
Barbequed spare ribs & 1 veg.	1.45
Hot Deli - Fried clam roll w/cole slaw & chips	1.40
Saga Foods	

Don't peek! Cooks who open the oven door to check the progress of their creations cause the oven temperature to fall by from 25 degrees to 75 degrees. Also, try to cook complete meals in your oven rather than just one dish.

Monsoon (Cont'd)

ing essentially the same kind of experiments in India that they perform at Tiana Beach, but, in this particular case, they will be studying how the exchange of momentum, heat and water vapor between atmosphere and ocean causes monsoons. The data collected will be analyzed next year.

Initiative for the monsoon experiments comes from India, with the U.S and the U.S.S.R. playing major roles. Besides the BNL meteorological studies, the U.S. effort will include three instrumented aircraft supplied by the National Center for Atmospheric Research, the National Oceanic and Atmospheric Administration and NASA. The U.S.S.R. is sending four ships to the Bay of Bengal, and India will have two or three ships, numerous ground-based stations and will make aircraft observations.

Arrivals & Departures

Arrivals	
Adelaide Faljoni-Alario.....	Biology
Paul J. Larsen.....	Medical
Michael J. Nekulak.....	Accelerator
Departures	
Karen H. Blumer.....	Energy & Env.
Suzanna Goetsch.....	Nuclear Energy
Myung-Kee Lee.....	Energy & Env.
Ronald D. Parks.....	Physics
Matthew K. Reckard.....	Energy & Env.
Leo D. Redmond, III.....	Contr. & Proc.
James H. Scharenguivel.....	Applied Math.
Evarina R. Wold.....	Energy & Env.

Notice

The pool will be closed on Sunday, June 3.

Summer Tours (Cont'd)

blueprint of the reactor vessel. Mounted on a lightbox near the graphite reactor, the blueprint shows the difference between the size of each reactor's core - the HFBR's 3 cubic foot core compared to the graphite reactor's 37,000 cubic foot core.

The Exhibit Center now houses two prototype magnets from ISABELLE. In a cutaway view, the magnet's cryogenic properties will be described and a mock-up of the tunnel through which particles pass is also displayed. In addition, the Exhibit Center houses a 35' buoy used by BNL

oceanographers for marine experiments in Long Island Sound and in the ocean. A slide show describing the Lab's oceanographic research is also presented.

Finally, a "for fun only" exhibit consists of a wall of phosphorescent material. Visitors are invited to catch their shadows on this light absorbing wall.

It is expected that last year's record number of visitors - 23,000 throughout the April to November tour season - will be surpassed this year. And, the innovative scientific exhibits on display at the Exhibit Center will interest many in the Lab's upcoming weekend tours.

Mini Tour Schedule - June

Each weekend of the summer tour season, one of the Lab's facilities or research projects is highlighted. Leading off on June 9 and 10, Per Dahl will give an entertaining and informative talk on ISABELLE at Berkner Hall. He will accompany his talk with slides and models of the accelerator. Mini tours on June 16 and 17 will feature the Applied Math Department and the computer facility, while on June 23 and 24 the heliostat project will be presented. Members of DNE will present the mini tour on June 30 and July 1 when reactor safety is featured.



Crafts, Flowers and Cooking

The Hospitality Committee's Tea and Sherry Party at the Center last week featured crafts such as cake decorating, sand terrariums, macrame plant holders and silk flowers. A display of indoor plants graced the Center, and delectable dips and pastries were supplied by the Cooking Exchange. The guests were also able to browse through and purchase the Exchange's brand new cookbook, "Seasonings." —photos by Humphrey



BROOKHAVEN BULLETIN

Published weekly
for the employees of

BROOKHAVEN NATIONAL LABORATORY

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Hospitality News

A morning coffee will be held on Monday, June 4, from 9:30 to 11:30 a.m., in the Brookhaven Center.

All wives of Laboratory employees are welcome. Please come and bring the children. Babysitting will be provided free of charge. It is suggested that you bring along a toy or two for your child to play with.

Golf

The Brookhaven Golf League's Second 1979 Tournament will be held at Spring Lake Golf Club in Middle Island on Thursday, June 7 from 11:30 a.m. to 1:00 p.m. There will be assigned tee-off times so the Greens Fee (\$6) and Entry Fee (\$1) must be sent to Marshall Bull, Bldg. 109 by June 5. Any questions should be directed to Marshall Bull on Ext. 2366 or Bob Mills Ext. 3470. The tournament is open to all BNL employees, their spouses, and retired employees.

Tennis

Tennis players are reminded that the court reservation systems go into effect Monday, June 4. The standing rules for court use are posted at courtside and in the BERA Sales Office in Berkner Hall. Under the advance reservation system a, three of the courts may be reserved for weekday play the day before play (that is, the preceding Friday for Monday play). On-court scheduling (system b) offers the three remaining courts on a first come/first served basis to players who sign the blackboard at courtside at the time of play.

Reservation sheets for system a are held at the BERA Sales Office from noon onwards on the day preceding play. All employees therefore have an opportunity to reserve courts. Reservation sheets for the day's play will be posted at courtside by 11:00 a.m. Only group 1 from the priority players list given below may use system a. Only groups 1 and 2 may use system b.

1. Lab employees, including Visiting and Guest appointees.
2. Lab employees playing with family members or personal guests.
3. Immediate family members of Lab employees.
4. Personal guests of Lab employees.

Members of the tennis committee (for questions, general assistance) are: John Elmore, Eena Mai Franz, Georgia Irving, Andy Kevey, Tom Luhman, Larry Passel (chairman), Ed Platner, Steve Shapiro, Marge Stoekel and Gail Williams.

Children's Summer Recreation Program

The 1979 Children's Summer Recreation Program will begin on Monday, July 2, and end on Friday, August 24.

Registration applications may be picked up at the BERA Film Service Office in the Cafeteria between 9:00 a.m. and 1:00 p.m., or at the Personnel Recreation Office between 8:30 a.m. and 5:00 p.m.

On-Site Recreation Program

This program is open to children of on-site residents. Sessions are held in the Recreation Building on Monday through Friday from 9:00 to 11:30 a.m. and 1:00 to 3:30 p.m. The program includes instruction and play (group and individual games, arts and crafts, athletic activities). Special events such as movies, contests, scavenger hunts, puppet shows, etc., will be scheduled to add variety to the regular activities.

Fees: \$30.00 for the first child and \$15.00 for each additional child in the family.

Swimming Instruction

Classes are open to children of all Laboratory employees. Each child will be sched-

uled for one lesson a week. The only participation requirement is that the child be no less than 48" tall. Classes will be held Monday through Friday from 1:30 to 3:00 p.m.

Fee: \$15.00 for each child. Children will also pay the daily admission fee of \$1.00 or present a season ticket.

Other Activities (no registration required)

These activities are open to children of all Laboratory employees. Special events at the pool will be held each Friday from 3:15 to 4:30 p.m. The fee is \$1.00 pool admission or season ticket.

Sports clinics at the tennis courts and gymnasium will take place Monday through Thursday from 3:00 to 4:00 p.m. Included will be instruction in tennis, basketball, badminton and volleyball. No fee will be charged.

Registration applications with fees for the On-Site Program and Swimming Classes must be forwarded to the Recreation Office, prior to June 22.

Aviation Club

Dave McChesney, a Medical Department technician, completed his flight training and received his private pilot's license on May 22.

Dave is the first member of the club who joined as a non-pilot, enrolled in the Mid-Island Flying School (Brookhaven Airport), and completed his training. He will now be flying to the June 6 Block Island Fly In as a "pilot in command" rather than as a passenger.

As of this date, the club's roster includes four commercial pilots, ten private pilots, twelve student pilots, and five non-pilots.

The next meeting will be held at noon in the Snyder Seminar Room in Building 911 (AGS) on Wednesday, June 11.

Mountain Club

The Mountain Club will climb the Gunks at New Paltz, New York on Saturday, June 9. Several of the more experienced climbers will be on hand to teach beginners the basics of climbing. The club has ropes and other necessary equipment. Climbers should wear sneakers or shoes with hard-edged soles. The group will meet at the cliffs at 10 a.m. There is camping available for those who wish to stay in the area overnight on Friday or Saturday evening.

Those interested in making the June 9 trip should meet at noon in Room A, Berkner Hall on Friday, June 8. Car pooling and other details will be discussed. Call Don David, Ext. 4821 or 286-2267 for information.

Also, anyone interested in canoeing on the Delaware River the weekend of June 16 and who has not already been contacted should call Anita, Ext. 2593 today.

Pops Concert

The Bay Area Friends of the Fine Arts Orchestra and Chorus POPS Concert, *An Evening in "Olde London Towne"* will be held on Sunday, June 10, 1979, at 8:00 p.m. in Our Lady of the Snow Auditorium, Blue Point Ave., Blue Point, New York. Tickets are \$3.50; \$2.00 for students and senior citizens. For information call 589-7343 or 981-1790.

Bresson Film At BNL

Sponsored by the French Group of BNL, the Robert Bresson film "Au Hasard Balthazar" will be screened at Berkner Hall on Tuesday, June 4, at 8 p.m. A donation of \$1.50 (75 cents for students) will be requested of those who are not members of *Le Cercle Français de BNL*.

Softball

League I

Blue Jays 14 - Sweathogs 0

Timely hitting and good defense was the key to the Blue Jay's victory. George Oldham, Tony Kossiolsoff and Mike Iarocci Jr. (grand slam) had home runs for the winners.

Six Pax 13 - Strikers 12

Ed Meier Jr. (3 for 3 with a home run), David Lieberman (4 for 4 with a home run) and Vinnie Lodestro (3 for 4) did most of the hitting for the Six Pax.

Ravens 8 - Source I 7

Bob Barone scored the winning run for the Ravens in the bottom of the seventh inning.

Phoubars 17 - Old Timers 2

Mixed League

Diamonds 16 - Balls And Strikes 14

Kathy Griffin went 5 for 5. E. Meier, Jr. had two home runs.

Oh Kays 21 - Who's On First 9

Henrietta James (3 run homer), Sydell Lamb (triple), Rosemary Taylor (2 singles) and Bob Brown (2 home runs) led the Oh Kays to victory.

E-Z Riders 12 - Thrids 8

Gary Goldstein and Mike Hahle both had home runs. Good fielding on the part of the E-Z Riders held the Thrids down.

Nads 8 - Underalls 3

The NADS were led by outstanding running home runs by John Niemczyk and Ray Tice.

Confoozed 6 - Turkeys 4

Tim Sills had a home run. Anita Swoboda made a single-handed double play.

Random Sample 14 - TNT 4

Gerry Takacs pitched a fine game backed up by skillful fielding, particularly on the part of Pat Manzella and Ed Desmond.

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment, as indicated below. Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

LABORATORY RECRUITMENT: Opportunity for present Laboratory employees.

1009. HELPER A - Central Shops Division.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

1010. CONTRACTS SPECIALIST - Requires BBA or degree or equivalent capabilities. Substantial experience in all phases of procurement with emphasis on contract preparation and administration. Ability to draft RFP's and knowledge of federal procurement regulations necessary. Contracts and Procurement Division.

1011. TECHNICIAN - Requires AAS in data processing or successful completion of computer operations training program or equivalent. Will operate computer microfilm equipment on a steady evening shift (5 p.m.-1 a.m.) Photography and Graphic Arts Division.

Autos & Auto Supplies

68 BUICK RIVIERA - ps/pb, p/w, p/seats, a/c, cruise control. \$500. Ext. 2022, 727-9058.

67 PLYMOUTH VALIANT - \$200. 286-3235.

TIRE - (1) GR78-14 Uniroyal snow; Philco in-dash AM pushbutton radio. Chris, Ext. 3919, 929-4310 after 6.

TIRES - belted snows, used 2 mo, L78-15. \$25 ea. Bob, Ext. 2819, 289-0357.

73 CHEVY IMPALA STA WGN - 9 psgr, a/c, ps/pb, r/h, V8. \$1100. 587-6139 after 5.

TIRES - new, used, rims, repairs, Gillette, BF Goodrich, mag wheel service. F. Usack, Ext. 4798 lunchtime.

72 PONTIAC LEMANS - ps/pb, a/c, clean. Dick, Ext. 4313, 929-4551.

74 VEGA HATCHBACK - excel inside & out, good running cond, hi mi, AM/FM. \$1000. 589-0643.

76 KAWASAKI ENDURO 125 - very good cond, orig owner. \$550. 744-5024.

TRANS - Muncie 4 spd for Chev sm block V8, w/2 Hurst shifters. Best offer. 265-1039.

2 SEARS TIRES - good tread, on Ford 5-hole wheels, 15x6.7-8". Both/\$15. AT6-8353.

AIR SHOCKS - Gabriel Hi-Jackers for full size Fords & Mercs, used 1 mo, w/inste kit. \$30. Joe, Ext. 3273.

75 MONZA - 4 cyl, 6000 mi, must sell, leaving country. Take over payments. Randy, 286-8185.

74 MONTE CARLO - excel cond. \$2500. Frank, Ext. 3898.

71 MGB CONV - runs well, good cond. \$900. 286-8570.

CHROME FRONT BUMPER - for 79 Dodge van, like new. \$35. Ric, Ext. 4100.

72 FORD PICKUP - F-250, ps/pb, a/c, trailer hitch, radio, cap w/bunks. Leo, Ext. 3498.

72 TOYOTA CELICA - 74 eng, low mi, AM/FM, snows, good cond. \$1350. 821-1296 eves.

AUTOMOTIVE TIMING LIGHT - Penske, batt pwr, daylight visual. \$20. Fred, Ext. 4407.

76 CHEVY VAN - 6 cyl, a/t, 2 snows, excel cond. \$3500. 286-8256, 286-8866.

66 RAMBLER - it runs, make me an offer. Bob. Ext. 4184.

67 CHRYSLER NEW YORKER - ps/pb, a/c, excel cond, no dents or rust. \$350. Ext. 3270.

TIRES - 4 Goodyear 6 ply 950x16.5. \$100. firm. 928-0397 after 5:30 p.m.

71 FORD MAVERICK - 2 dr, p/s, excel cond, 25 mpg. \$750. Ext. 3784, 928-8562.

78 PONTIAC PHOENIX - lt blue, V6, a/t, a/c, ps/pb, AM/FM/8-trk, w/w radials, more, high mpg, show-rom cond. \$4600. Ext. 3860, 698-5298.

74 MGB - excel cond. 727-6613 days, 369-4705 nights.

51 JEEP - 52,000 orig mi, 2 w/d, collector's item, mint. Ext. 4666.

Boats & Marine Supplies

17½' RENKEN 74 BOWRIDER - 105 hp Chrysler, galvanized trailer, excel cond.. \$2050. R. De Rosa, 924-4651 after 5 or weekends.

STEURY 18' CABIN - 1972, 100 hp Evinrude, factory equipped galley, many extras, like new. \$3000. 878-2847.

2 FOLDING FISHING CHAIRS - w/Lee's chrome plated gimbals. \$35 ea. Lou, Ext. 4615.

ANCHOR - 15 lb Sea Spike sliding ring type, w/3 ft chain & clamps. \$20. Ext. 4212.

SAILBOAT - 1977 AFC Kingfisher 12' centerboard sloop, trailer. Ext. 4232, 286-3285.

16'ALUM RUNABOUT - w/trailer, good fishing boat. \$350. 929-6627.

SUNFISH & TRAILER - excel cond. P. Kavanagh, Ext. 4433, 929-6003 eves.

22' VENTURE - fiberglass sloop, fully equipped, ready to sail away. \$3500 or offer. Ext. 7730, 286-8097.

24' WINNER 1978 - 198 I/O convertible, full canvas, cuddy, head, rod holders, extras. \$15,000 new, \$12,500. 589-0421.

Yard Sales

MILLER PLACE - 47 Radio Ave, June 2, rain date June 9. Ext. 4425.

E. PATCHOGUE - 83 Lyman Rd, Sat June 2, Sun June 3, 10 a.m. - 4 p.m. L.J. Fulhaber, Ext. 3498.

WADING RIVER - Gerald St in Lewin Hills, moving have lots of goodies, June 2 & 3. Ext. 3533.

SAYVILLE - 458 Greene Ave, June 8-9, 10-4, estate sale, books, furn, misc. rain date June 15-16. G. Latham, 289-1883.

Miscellaneous

HOME GROWN VEGETABLE PLANTS - reasonable, 124 Maple Ave, Patchogue. 475-9433.

LIV RM FURN SET - queen-size sofa bed, 2 chairs, tea table, end table, mod chrome lamp. Orig discounted price \$850, asking \$449. Anne, 924-6015.

ENGLISH CONCERTINA - 48 key treble. \$250. 473-0178 after 7.

BABY FOOD GRINDER - The Nurtury by Water Pik, w/nutrition guidebk & storable servers, used twice, cost \$34, asking \$25 or best offer; GE Heat & Serve baby dish, \$5. 281-7763.

CAMP COOLER - \$10; recliner, \$10; Schick dryer, \$10; bookcase, \$5; record & umbrella stand, \$5 ea; bathinette & baby scale, \$5 ea. Walter, Ext. 2907/2913, 698-0576.

REDWOOD FURN - 1-39" round picnic table, 1 chair, 1 bench, \$45; artificial X-mas tree, \$15. Bill, Ext. 4100.

A/C - Amana model 75D-1; cash register, Class 98. Make offer. Stan, Ext. 4278.

MOD DBL BED FRAME - \$20; rug, 11'x19', \$30. Rose, 423-4472.

BEDRM SET - 2 dressers, 2 end tables, white, full size bed, 5 mo old. \$225. B. Wieser, Ext. 3080.

BERLANT-CONCERTONE - reel tape recorder & playback, 6 heads, reversomatic, sound on sound, very good cond. \$125. Ext. 4701.

HAND REEL - 5-blade lawn mower. \$12. 689-9216 after 6.

ROTARY LAWN MOWER - \$35 firm; reel lawn mower \$40 firm. Ext. 4539.

METAL DESK - formica top 24"x54", 6 drawers, (2) locked & file drawer, like new. \$40. Frank, 281-3686.

RIDING MOWER - 4 hp, B&S, 25" cut, very good cond. \$105. Toby, 929-8725 eves.

VACUUM - Sears upright, single spd, 7 position, attachments. \$50. J. Ridgeway, Ext. 2452, 473-1154.

BUFFET - mahog veneer, fair cond, good storage. \$15. Ginger, Ext. 2874, 286-9257 eves & weekends.

BABY DUTCH RABBITS - \$2.50 ea; baby gerbils, \$1 ea; ready to go. 878-2372.

EXERCYCLE - rowing action while pedaling, works like new. \$20. Frank, 281-3686.

JAPANESE RED MAPLE TREES - 3'-4'. \$15 ea. Tony, Ext. 2023.

MAHOG BUFFET - 38x24x39", \$60; child's lg Sears wagon, \$12; low stools, \$2 ea. 744-2514.

AKC AIREDALE TERRIER PUPS - Championship lines, ready beginning June. Maureen, 288-3535.

POOL - 24'x4', S/S filter, motor vacuum, lounge etc. \$395 firm. Norman, Ext. 2043, 472-3985.

FREE - 6 wk old kittens, white, gray. Ext. 2608, 751-7078 after 5.

ROUND TABLE - 42", Bennington pine, w/12" leaf, 2 captain's chairs, excel cond. \$250. Pat, Ext. 4519.

FROST FREE REFRIG - 16 cu ft, \$175; elec stove, 30", excel cond, \$90. Ext. 2897.

LIV RM - avocado & lt blue couch, 2 end tables & cocktail table, traditional style, good cond. \$150. Dick, Ext. 3860.

TURNTABLE - Sanyo belt driven semi/auto, Empire cartridge, guarantee. \$80. Ext. 4666.

MARLIN 30-30 - w/sling case, 40 rounds ammo and Lee Loader, 2½x Busnell scope. 821-1525.

REFRIG - 19 cu ft side-by-side Frigidaire. \$95. Ext. 3300, 924-6977.

SOFA - conventional, 90" long, beige uphols, 2 slipcovers, excel cond, settling estate. \$200. 289-1883.

DANISH FURN - 2 sectional 42" couches, 1 corner table, 1 tier lamp table w/lamp (marble finish). \$80. Rose, 423-4472.

TAPE DECK - Sankyo front load stereo cassette w/ dolby, almost new, still under warranty. \$85. 732-5829.

WASHER & DRYER - good cond. \$75. Nick, 286-9249 after 6.

BENTWOOD ROCKER - venician antique, excel cond. Asking \$300. 928-7344 eves.

SURF BOARD - 7' Challenger w/removable skeg. \$75. 924-7610.

AIR COND - Fedders ¾ ton 110 VAC, 7.5 amp, hardly used, 26" w, 18¼" h, 28" d. Make offer. Lorraine, 265-8541 eves.

REEL MOWER - \$25; camp cooler, \$10; bathinette, \$10; baby scale, \$10; recliner, \$10; book case, \$5; hair dryer, \$10. Walt, Ext. 2907/2913, 698-0576.

HOLIDAY SPA - VIP lifetime membership. \$550. Barbara, Ext. 3319.

S&G PA SYSTEM - w/3 mikes, echo box & many extras, must sell. 588-4116 after 5.

OPEN REEL TAPE RECORDER - Panasonic, AC/batt, 2-sp, w/8 reels of tape. Asking \$30. 744-8011.

WOOD WINDOW - approx 2'8"x3'2", 6/6. \$10. Ed, Ext. 7943.

12 GAUGE RELOADER - Lee Load-all, used 5 mos. \$20. Neal, Ext. 4019.

LAWNMOWER TRACTOR - 7 hy Huffy, 26" cut, \$200; Fedders air cond, 6500 BTU, \$75; Lawnboy, 21" cut, compl rebuilt, \$75. George, 289-5380 after 6.

30" GE RANGE - free standing, like new, \$100; 4-harness Swedish table loom w/legs, beautiful, access, \$150. Chuck, Ext. 4481, 567-1272 after 4.

SOFA - 90" colonial style, good cond. \$35. 289-0413.

BIKE - men's Sony, 10-sp, \$65; toddler expandable fence, \$10; B&D elec lawnmower, \$70. 475-0144.

PEASANT OUTFIT W/SHAWL - pink print, excel cond, child's size 7. 281-0843.

PUPPIES - lovable & adorable, looking for a home, male, variety of colors, part Lab Ret. Free. M. Cooper, Ext. 4105.

HIGH CHAIR - \$18; changing table, \$6; Swingomatic, \$5; everything beautiful cond. 928-5737 after 12:30.

YASHICA 35MM - rangefinder camera, F1.4 lens, w/case. Paul, Ext. 4509.

GRANITE-STONE - for your fireplace, barbecue, walks, white, blk & white, pink, 2 tons. 924-3553.

CLARINET - like new, Bundy. \$65. Jerry, Ext. 2934, 744-2816.

CHILD-CRAFT - matching crib & chest of drawers, excel cond. Ext. 7684, 698-1035.

TURNTABLE - Garrard, in real wood base. \$20. Don, Ext. 7612.

S&W REVOLVER - .38 cal, model 10, 4" bbl. Frank, 727-5527.

FENCE - basket weave, 6 sections & posts, redwood. 924-4193.

POP-UP TRAILER - 1972 Starcraft, 2-way refrig, 3-burner stove, wardrobe, 10x10 canopy, extras, excel cond. \$1400. Hichborn, 929-4133.

RADIAL ARM SAW - Sears 10", blades, dado, molding set, plane, etc. \$250. 281-7485 after 5.

CALCULATORS - HP-29C w/chgr & man, \$140; TI-58 w/chgr & man, \$75; both excel cond. Dan, Ext. 4415.

HAM SET - Kenwood TS520S w/MC50 mike, 14 mos old, new cond. \$550. John, 929-4450.

CERAMIC KILN - L&L Man Co model 90, 110 volts, 15 amps, 1650 watts, size 2'x2', int 12"x12". Asking \$75. Charlie, Ext. 4201.

REFRIG - Kelvinator, approx 12 cu ft, ugly but works well. \$50. Ext. 7951.

OCCASIONAL CHAIR - blonde wood arms & legs, red uphols, good cond. M. Cox, Ext. 3659, 286-3357.

SAFETY CAR SEAT - for child, good cond. \$15. Ext. 4463, 929-4923.

ELEC ADDING MACHINES - paper record, good cond. \$10. Bob, Ext. 2819, 289-0357.

PICKUP CAMPER - 9½' Mobile Traveler 1973, 12v, 110v & gas refrig, gas heater & elec heater, hot water, full bathrm, etc. A. Ravenhall, 653-4632.

JUICER - brand new Majestic Vegetable & Fruit Juicer, never used. \$100. Ext. 2065, 584-6058.

UTILITY TRAILER - 3'x6', fair cond. \$75. B. Espensen, Ext. 3992.

WATERBED - king size, heated, incl frame, liner & 2 sets of sheets. Asking \$325. Ian, Ext. 3785, eves 331-7292.

AMERICAN FOOD PROCESSOR - w/attachments, used. \$30. 286-3742.

POOL - 18'x4', \$25; filter, \$15. Beth, Ext. 4389.

2 CHAIN HOISTS - ¼ & 1 ton cap, make offer. Stan, Ext. 4278.

20' SHASTA TRAILER TANDEM - shower, self-cont, sleeps 6, hitch, excel cond, extras. \$2495. 689-8793.

RIDING LAWNMOWER - 26" cut, very good cond. \$100. 289-5607 after 5:30.

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

PATCHOGUE - 2-3 bedrms, fully insulated Rapco-foamed sidewalls, dry bsmt, city water, low taxes, gar, carport, easy walk to village shopping & transp. Low 20's. 475-0465.

SO. SETAUKET - 3 Village Schools, 4 bedrm L-ranch, bsmt, den q/tp, 2-car gar, fenced, appl, eik, extras. \$46,500. Paula, Ext. 2253, 698-8950.

LAKE GROVE - 4 bedrms, lg L/R, eik, carpeting, fin bsmt, 2-family, low taxes, gas heat, all appl, 15 mi from Lab, 1 mi to Mall, shed, wood deck. \$42,000. W. Lundgren, Ext. 3800.

NORTH FORK - LI Sound, secluded, 3 bedrms, 3 baths, 2 fp, rustic ranch in heavily wooded area, lg pine kit, L/R, D/R, fam rm, beautifully landscaped w/ 16x32 pool. 727-7741 after 6.

MASTIC BEACH - long-line ranch, 2 oversize bedrms, cabinet-lined kit, formal D/R, den, full bsmt, base-board heat, ¼ acre. \$27,000. Ext. 2547, 281-5498.

EAST PATCHOGUE, SOUTH - charming smaller home, ¾ acre, wooded, fenced, 2 bedrms, fin bsmt, laundry, screened porch, w/w, s/s, fp, eik, all appl, huge dbl garage, decent taxes. Low 50's. 286-3580.

MATTITUCK INLET WATERFRONT - 2½ acres, dock, 3 bedrms, L/R, D/R, eik, fam rm overlooks patio which overlooks water, irrigation sys, shed, excel school, low taxes, beautiful location. Ext. 3992.

MASTIC BEACH - 3 bedrm long-line ranch, bsmt, excel cond, many extras, 7¼ or 1½ mtg (Farmer's Home), terms negotiable, immediate occupancy. Ext. 2547, 281-5498.

SOUTH SETAUKET - 5 bedrms, 2-car gar, 3 baths, gas heat, central a/c, many more extras, 3 Village School Dist. \$48,000. Ext. 4207, 698-1785 after 5:30.

BELLE TERRE - 5 bedrm farm ranch, 3½ baths, 2 fp, full fin bsmt, screened porch, on secluded acre near golf & Village beach. \$135,000. Ext. 4633, 473-0043.

CALVERTON - 3 bedrm ranch, oil fired heat & water, s/s, fin bsmt, 1 acre prop. \$31,000. Ext. 2022, 727-9058.

MASTIC BEACH - 2 bedrm ranch, 12x24 den, paneled, wood deck, 120x100 corner lot, s/s, full bsmt, low taxes, treed, new kit, storage shed. \$25,000. Ext. 4117, 281-7763.

SETAUKET - 3 bedrms, 2 baths, ranch, lg eik, fp, central air, full bsmt, ½ acre w/harbor view, s/s, w/w. \$75,000. Ric, Ext. 2266, 689-9210 eves.

CORAM - spacious cape, treed ½ acre, 2-car gar, appl, gas heat, 7% assumable. Low 30's. Ext. 2249, 732-6421.

E. PATCHOGUE - ranch, 4 bedrms, 3 baths, paneled D/R, built-in china closets, laundry rm, screened, glazed patio, back porch, gar, circular driveway, 2 lots (1¼ acres). \$60,000. 286-8309.

For Rent

VT CHALET - beautiful furn, stone fp, woodland hiking trails, swimming pond, lake, canoeing, fishing, near golf, tennis, antiques, alpine slide. Rent weekly. 757-5599 after 4 & weekends.

CENTER MORICHES - studio apt, prvt porch, prvt entrance, beautiful surroundings, on water. \$200/mo, util incl, non-smokers only. H. Fales, Ext. 2000, 878-0214.

WADING RIVER - 1 bedrm apt, walk-in pantry, wood burning stove in fp, sun rm, all util pd, avail to show June 1. \$325/mo. Ext. 2387, 929-8846.

BLUE POINT - bulkheaded canal front, 2 bedrm house, sitting rm w/balcony overlooking bay, 1½ baths, secluded. \$450/mo. Quentin, Ext. 4223, 363-2101.

PORT JEFFERSON - 5 rms in priv house, 2nd floor, furn, util incl; bus. couple pref. \$350/mo. K. Novak, 473-3002.

NORTH SHIRLEY - inexpensive (\$240/mo incl util), convenient (3½ mi from BNL), apt. Dennis, Ext. 2614.

Wanted

APT - young couple seeks 1 or 2 bedrm apt in Stony Brook to Deer Park area, \$300-\$325/mo w/util. Ed, Ext. 7782.

62 CHEVY PICKUP - for body parts. Joann, Ext. 4189.

APT CLOSE TO LAB - Rocky Pt area or Middle Island. Frank, Ext. 3898, 799-4896.

BIKE - men's 10-sp, good cond, reasonable. Tom, Ext. 2959.

APT - for soon-to-be newlywed professionals, 10 mi radius of Stony Brook, around \$300. Jay, Ext. 3516.

GUITAR FOR BEGINNER - classical or folk, good cond. Campbell, Ext. 4168, 286-3675.

HOME - for 8 mo Spaniel mix, all shots & vac. T.D., Ext. 2951.

PEOPLE - for tennis/racketball Sat night party, Blue Point indoor club. Ed, Ext. 4122; Carol, 3341.

Car Pools

BAY SHORE - join or form a car pool. Ext. 4805.

CAR POOL - want to start a car pool from Brooklyn - Sheepshead Bay-Marine Park area. Call Joe Albergo, Ext. 2900.

Services

LAWN CARE - fertilizing, trim shrubs, Mastic/Shirley/Mariches, student will do. Tim, 281-7873.

REPAIRS - automotive/motorcycle, fair price, free estimate. Steve, Ext. 4212 lunchtime, 399-3910 eves; Slawko, Ext. 4660 lunchtime.

BABYSITTING - experienced, Mastic/Shirley area. Tim, 281-7873.

CAKES - all occasions, novelty cakes for child parties, etc. 924-6971 after 5.

CORD WOOD - hard wood. \$125/full cord, \$65/half cord, delivered. 475-2075.

HANDYMAN - all home repairs, South Shore only. Nick, 286-9249 after 6.

POOL INSTALLATION - incl light excavating, experienced, references, light bulldozing, terracing, clearing, reasonable. Pat, 363-2497.

TYPING - done professionally, technical tables, flow charts, graphs, etc. Mary Lou or Liz, Ext. 2298.

TREES REMOVED - cut down, free estimates. 475-2075.

PICK YOUR OWN STRAWBERRIES - top quality, 50¢/qt in your container, supervised children only, also retail \$1/qt, Center Moriches. Chris, 878-0621.

To Placers Of Ads

Again, the ads are getting out of hand. To prevent abuse of this free advertising space, effective immediately, the advertisers name and/or BNL extension must appear in the ad. And it must be emphasized that in the matter of real estate, non-employees' property may be listed at the BNL Housing Office, but not in the Bulletin.