



BROOKHAVEN BULLETIN

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Japanese Teachers Tour



A group of Japanese high school science teachers are shown the intricacies of the AGS by Dan Schaeffer of the Information Division. While visiting the United States, the teachers visited various installations. Their tour was sponsored by the Japanese and U.S. Funds for Peaceful Atomic Development.

Public Hears Scientists Newsmen and Politicos On Nuclear Power

Can our utilities meet and effectively deal with the electric energy crisis? What's causing the shortage of electricity? What is the real story on environmental impact of nuclear power plants? Why is New York ahead of all other States in building nuclear power plants? Can you balance conservation, environmental quality and the need for nuclear power? How dangerous is radiation from these facilities? These and many other questions were discussed at a public meeting of the metropolitan chapters of The American Nuclear Society and the Health Physics Society, all day Tuesday, October 13, in the auditorium of the New York University Medical Center.

To answer these questions a diverse "faculty" was assembled, including: Dr. Theos Thompson, Commissioner, U.S. Atomic Energy Commission; Dr. Vic Bond, Associate Director of Brookhaven National Laboratory; Fred Smith of Laurance Rockefeller Associates; Dr. Merrill Eisenbud, former Administrator and now Director of the NYU Laboratory for Environmental Studies; George Woodwell, Senior Ecologist at BNL. Several other distinguished experts participated, as well as an outstanding group of newspaper, radio and television personalities. Norb Dernbach, BNL Public Relations Officer, was the Program Chairman.

Early Chow For Visitors' Days

The Cafeteria will be open from 8 to 9 a.m. on October 17 and October 31 to accommodate those who are reporting to work during Visitors' Days.

International NucleArt '70 Show

All amateur artists engaged in the nuclear field are invited to display their art work in NucleArt '70, the fifth exhibition of its kind to be held in conjunction with Atom Fair '70 at the Sheraton-Park Hotel in Washington, D.C., November 16-18, 1970. Atom Fair '70 will be held concurrently with the Annual Conference of the Atomic Industrial Forum and the Winter Meeting of the American Nuclear Society.

In order to participate, you must be an amateur artist employed in some area of the nuclear industry and each work must be a painting or another work suitable to hang. Your work will be viewed by your colleagues throughout the world.

One hundred dollars will be awarded to the first place winner, \$75 to the second place winner and \$50 for third place. Awards will be made by three judges from the art community.

Application forms may be picked up at the Recreation Office.

Lab Open To Public For Visitors' Days

Brookhaven National Laboratory, which has been host to some two million visitors on past open house days, will hold its 21st annual open house for high school students and teachers, this year on Saturday, October 17. On Saturday, October 31, Visitors' Day will be held for the General Public. Admission will be by ticket, which can be obtained free by calling Ext. 2357.

The main gate of the Laboratory will open at 9 a.m. and close at 2 p.m. Busses, which will run continuously around the circuit of research facilities, will begin their runs at 9:30 a.m. and make their last run at 3 p.m. Visitors can set their own pace by getting on and off the busses at any stop at any time.

Admission, including exhibits and bus tours, is free, and there is plenty of parking space. Upon arrival, visitors are asked to begin their tour in the reception center in the cafeteria building. Last year, some 10,000 people visited the Laboratory, and on High School Day, approximately 5,000 students consumed 4,000 hot dogs and hamburgers along with almost 6,000 other food items.

Highlights of the open house include:

... Numerous exhibits in the exhibit hall and the gymnasium. Included are demonstrations in medicine, biology, meteorology, health physics, etc., plus the Scientific Answer Men, who will try to answer any and all questions on science. The BNL Radio Club will have in operation a short wave radio station and will relay visitors' messages to locations around the world.

... The Central Scientific Computer Facility, which inter-connects the Laboratory research facilities is one of the most advanced computer systems in the United States. In normal operation it will do over 100 million multiplications and print out over six thousand lines of information in 100 seconds.

... The new Tandem Van de Graaff Facility, the largest Van de Graaff system and only one of its kind in the world. It contains two accelerators, connected end-to-end, which can be operated individually or together as a single accelerator.

... The High Intensity Radiation Development Laboratory containing two huge hot cells used to explore the effects of radiation on materials, including food preservation. In past years, this has been one of the favorite tour stops because of the "mechanical hands" used for remote handling of radioactive materials.

... The Alternating Gradient Synchrotron experimental area. This 33 billion electron volt accelerator is used to explore the secrets of sub-atomic particles. It is the largest and most powerful proton accelerator operating in the western hemisphere, and was for many years the largest in the world.

... The Chemistry Building, where many items of interest will be arranged in a "walk-through" format. Included will be a piece of moon rock brought back to earth on the Apollo 11 mission.

Visitors should be prepared to spend at least several hours viewing the exhibits and taking the tour. Visitors' Day will not be postponed because of weather and visitors are cautioned to dress accordingly.

Visitors will be allowed to bring their cameras and for personal use only, take all the pictures they desire.



Tape Replaces Webster As AEC Advisor For Geneva Conference

Dr. Gerald F. Tape, President of AUI and a former member of the U.S. Atomic Energy Commission, has been named Senior Technical Advisor to the Commission in planning the Fourth International Conference on Peaceful Uses of Atomic Energy.

The Conference is scheduled for Geneva, Switzerland, in September 1971. Dr. Tape replaces William Webster, Chairman of the New England Electric System, who has held the post since April. Mr. Webster has resigned for reasons of health.

The Conference on Peaceful Uses of Atomic Energy, Geneva 1971, will be sponsored by the United Nations with the assistance of the International Atomic Energy Agency. Primary planning responsibility for U.S. participation has been assigned to AEC by the U.S. Department of State.

Conference duties for Dr. Tape will include liaison with scientific agencies and industry and the selection of topics, papers, and qualified participants for the Geneva session. He will work with the Director of the Organization for International Conference, Edward J. Brunenkant. Mr. Brunenkant is Director of AEC's Division of Technical Information.

Dr. Tape was a member of the U.S. delegation to the Third Geneva Conference in 1964 as an alternate U.S. representative and presented a paper, "Future Energy Needs and the Role of Nuclear Power."

His fields include nuclear physics, accelerator development, research reactors, radar development, and radio astronomy. AUI, which operates BNL also operates the National Radio Astronomy Observatory in West Virginia for the National Science Foundation. Dr. Tape served as a member of the AEC from July 1963 to March 1969, and prior to that served as acting Director of Brookhaven National Laboratory.

Memories Are Made Of This?

On Wednesday, October 21, 1970, Arnold M. Peskin of the Applied Mathematics Department will deliver the 96th BNL lecture at 8 p.m. in Berkner Hall. The topic of the lecture is "Remembering as Humans Do: The Impact of Associative Computer Memories."



Arnold Peskin

Associative or content addressable computer storages have intrigued computer scientists and users for almost the entire history of electronic data processing. One reason is that the capability for referencing an entry in memory by its content rather than its location has up to now been efficiently realized with only one known device, the human brain.

Do associative memories then make computers more "human"? Well, they certainly make them more useful for a wide variety of applications including time-sharing and information retrieval. In addition, the new techniques used to design an associative memory have implications for new types of computers, better equipped to solve some of the outstanding problems now confronting computer users, such as weapons effects, numerical weather prediction and the modeling of complex linear systems.

Arnold Peskin was born in Paterson, New Jersey. He attended Newark College of Engineering and Syracuse University, and is currently completing his graduate study at the Polytechnic Institute of Brooklyn. Before coming to Brookhaven, he was employed at I.B.M. Corporation in Poughkeepsie, New York, where he was active in the development of that company's "360" line of computers as well as the design of special systems for NASA's Manned Spaceflight Center. In 1967, he came to the Applied Mathematics Department to develop portions of BROOKNET (the Brookhaven Digital Communications Network) and to conduct research in computer memories. Since July of 1969, he has been supervisor of the engineering group of the Applied Mathematics Department.

A buffet supper will be served at the Brookhaven Center before the lecture starting at 6 p.m. Reservations should be made in advance by calling Ext. 2283 before 5 p.m. Refreshments will be available in the lobby of Berkner Hall immediately after the conclusion of the lecture.

Here and There

Claire Lamberti

Manny Hillman (DAS) will give a seminar at Rensselaer Polytechnic Institute on the subject of nuclear level densities on October 21.

M.M. Small (PE & P) participated in a course, "Management of Solid Waste for Optimum Environment," given by Professor P.H. McGaughey, Director Emeritus, Sanitary Engineering Research Lab., University of California, Berkeley, on September 21-25.

Ivan Bernal (Chemistry) attended the XIIIth International Conference on Coordination Chemistry held in Krakow and Zakopane, Poland, September 13-23. He served as a session chairman, and presented two papers; one, co-authored by **Thomas Brennan** (Chemistry), entitled "The Crystal Structure of a Copper Hexamer"; and another, co-authored by **Earl Epstein** (Chemistry), on "The Crystal Structure of Several Iron Compounds which are Model Systems of Ferredoxins of the Type FeS₄, Fe₂S₄ and Fe₄S₄." A third contribution for the meeting was a joint paper submitted by the Chemistry Departments of BNL and the University of Massachusetts on "Inert Eight Coordinate d¹ and d² Chelates-Tungsten(IV) and (V)" by **R.D. Archer**, **W.D. Bonds**, **W.C. Hamilton** (Chemistry) and **R.A. Pribush**.

Carl Thien (PR) attended the PICA Conference on newspaper layout and design in Salt Lake City, Utah on October 5-9.

Jeremy Bernstein, Professor of Physics at the Stevens Institute of Technology and formerly a BNL Physicist from 1961-63, has been awarded the American Institute of Physics - United States Steel Foundation Science Writing Award in Physics and Astronomy for 1970.

Dr. James J. Conti, formerly a consultant for BNL, has been named Provost of Polytechnic Institute of Brooklyn for 1970-71.

AUI Lecturer



Dr. Kenneth Clark, AUI Lecturer (left) chats with Lab Director **Maurice Goldhaber** (center) and **Ron Peierls**, Lecture Committee Chairman. Dr. Clark presented his lecture, titled "Science and the Survival of Our Cities" on September 29, in Berkner Hall.

Selected Reading

Each week the Brookhaven Bulletin will list articles of general interest that have been received by the Research Library. Listings will follow the style formerly used in the Weekly Selected Reading List.

Proc. Roy. Inst. G. Brit. 43, August 1970. We and them - the people versus the machine. A Wedgwood Benn. 170-89. Women in science. K. Lonsdale. 295-321
Technology assessment. D.M. Kiefer. **Chem. Eng. News** 48, 42-56, October 5, 1970.
 The prospects for peace in the oceans. E. Mann Borgese. **Sat. Rev.** 53, 15-16+, September 26, 1970

French Group

For its next meeting the French Group plans an informal reading (in French) of Jean Anouilh's comedy "Le Bal des Voleurs" ("Thieves' Carnival"). This play contains 9 major roles (6 men, 3 women) and a few minor parts. Everyone is welcome to participate or to just listen and have a good time. We have several copies, but if you happen to own one, bring it along. Admission \$1.50 for non-members.

Day: Tuesday, October 27

Time: 8:15 p.m.

Place: Cafeteria-Conference Center

Stony Brook Events

A film festival for children and a film by Roman Polanski, highlight a series of events open to the public at the State University of New York at Stony Brook from Saturday, October 17 through Thursday, October 22. Music and lectures are also planned.

Unless otherwise indicated, admission to events listed is without charge.

Saturday, October 17

A "Children's Film Festival" for children between the ages of three and ten will feature five movies, including "Alexander and the Car with the Missing Headlight," "Make Way for Ducklings" and "The Golden Fish" at 10 a.m. and 2 p.m. in the Union Theater, admission 50¢.

Monday, October 19

Dr. Leopoldo Castedo, Professor of Art, will speak on "The Historical Roots of Latin American Cultural Development" at 7 p.m. in Room 258 of the Social Sciences Building.

Tuesday, October 20

In the "Science and Culture" lecture series, Biology Professor Eric Carlson will speak on "Eugenics: Its Failures," discussing such subjects as xenophobia in immigration laws, white supremacy and social Darwinism at 7 p.m. in room 100 of the Lecture Center.

Wednesday, October 21

Continuing his series on "The World-View of Modern Physics" Physics Professor Clifford Swartz will discuss "The Energy Concept" at 7 p.m. in Room 137 of the Physics Building.

Philosophy Professor Chaim Perelman will discuss "Justice" at 7 p.m. in Room 100 of the Biology Building.

Thursday, October 22

Lecturing on "The Literary Works of William Blake," English Professor David Erdman will examine the poet's illuminated, color-printed Songs and Prophecies in the context of the French Revolution and the Napoleonic Wars at 7 p.m. in Room 102 of the Lecture Center.

Dr. Gaye Tuchman, Assistant Professor of Sociology, will speak on "Contemporary American Society" at 7 p.m. in Room 110 of the Lecture Center.

Roman Polanski's "Cul-de-sac," which some critics have called "his most daring and personal film to date," will be shown at 8:30 p.m. in Room 100 of the Lecture Center. Tickets can be obtained in Room 294, Administration Building, between 2 and 10 p.m., Monday through Wednesday.

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Published Weekly for the Employees of Brookhaven National Laboratory

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NORBERT J. DERNBACH
 Public Relations Officer

Letters To The Editor

Dear Sir:

Several of us have recently enjoyed watching a young woodchuck in one of the Biology fields. He was very tame, and barely bothered to look up from his diet of grass and clover. Now he is dead, with a bullet hole in his chest, and his carcass left there to rot. I hope that the person responsible for this mindless act has some twinge of conscience, though this is doubtful. That animal was not feeding anywhere near the experimental crops, so there was no valid excuse for harming him.

Most of us on the BNL staff have taken pleasure in the concept of the Laboratory area as a sanctuary, where our local wildlife can receive a measure of protection that is not often afforded elsewhere on Long Island. It is regrettable that one or two persons who derive some kind of sadistic pleasure from killing a harmless and confiding animal are able to indulge in their "sport" on the Laboratory grounds.

Dennis Puleston

Arrivals & Departures

Arrivals

William W. Sapp, Jr. Physics

Departures

Douglas F. Brewer Physics
 Jacquelyn Thornton Biology

Service Awards - October

Twenty Year

Cozine, Barbara M. Physics
 Curtis, Howard J. Biology
 Delmonte, Peter C. Central Shops
 Hein, Edward Reactor
 Johnson, Warren J. Applied Science
 Kassner, David A. Mech. Eng'g.
 Kinsley, Mary T. Applied Science
 Penney, John A. Reactor
 Swezey, Constance Instr. & H.P.

Ten Year

Aronson Robert B. Medical
 Barry, Harriet L. Biology
 DePuy, Roger R. PEP
 Ferris, Caroline Biology
 Glenn, Joseph W., III Accelerator
 Hodor, Rudolph S. ME
 Jordan, William J. Medical
 Kent, Philip M. Physics
 Kish, Mary PEP
 LaPlaca, Sam J. Chemistry
 Lucas, Carl P. Accelerator
 Meehan, Dorothy Applied Math.
 Muscarella, Anthony Physics
 Palmer, Robert B. Physics
 Ritter, Olive Biology
 Seebeck, Richard T. Chemistry
 Squires, Richard B. IH
 Sutherland, James W. Applied Science
 Upenieks, Nikolais Physics

Coming Attractions

10/17 High School Visitors Day
 9 a.m. - 2 p.m.

10/21 BNL Lecture - Arnold Peskin on "Remembering As Humans Do: The Impact of Associative Computer Memories" - 8 p.m. Berkner Hall.

Rifle And Pistol Club

Last season, the rifle team won the first place handicap trophies in the Long Island Industrial League in competition with teams from Grumman, Pan American, International Business Machines, Sperry, Republic, and Reeves Instrument.

The team also entered the National Industrial Recreational Association postal matches and won second place in our region consisting of New York State and Connecticut. Alfred Lukas and Roy Domish were regional individual award winners and Anthony Finocchio scored among the top 25% of the competitors on a nationwide basis.

Any employees or spouses of employees who are interested in .22 caliber indoor target shooting are welcome to join the team. Practice sessions and half of the matches are held in Patchogue on Tuesday evenings from September through April. For details call Al Ext. 7769 or Roy Ext. 2404.

Film Service Office Open Visitor's Days

The Film Service Office in the Gymnasium Building, which is normally open from 9:00 to 3:00 Monday through Friday, will be open from 9:00 to 4:00 on Visitors' Days, October 17 and 31.

Film, flash bulbs, batteries and other camera supplies will be on sale. A camera rental service will be a special feature for the two days. Rental fee will be \$1.00; or, if you leave your film for processing, there will be no rental charge. A deposit of \$5.00 will be required on all camera rentals.

Rehearsals In Progress For "Lion"



Director Shiela Buck (left) coaches Joseph Nardi and Julie Peierls in a scene from "Lion In Winter" to be presented soon by the BERA Theatre Group.



The Lion In Winter

Oh to be in Chinon - now that the Queen is free. Oh, didn't you know? The King has seen fit to spend the Holiday season with his Queen and sons. And *such* a ruckus you *never* did hear. The Royal Family has been heard to be squabbling and airing their family disagreements within earshot of the neighbors and servants. Such a do - and all because of the ascendancy to the Throne. And the King not even dead yet!

You may eavesdrop if you wish - come to the Theatre on November 12, 13 or 14 - and hear what you will. Such goings on - who will have the throne - who will Father name - who wants it - and who would like whom to get it . . . Remember you are invited to see and hear . . .

The Lion In Winter
BNL Theatre, 8:30 p.m.
November 12, 13, 14, 1970

Bowling News

Grace Fales

Red League

The Alphas are running away from the rest of the league with Old Timers moving into second place. G. Spira rolled a 243 game, which gives him high gross of 279. Other 200 Club bowlers were G. Waldbauer 217, J. Ferrante 208, and H. Marshall 201.

Green League

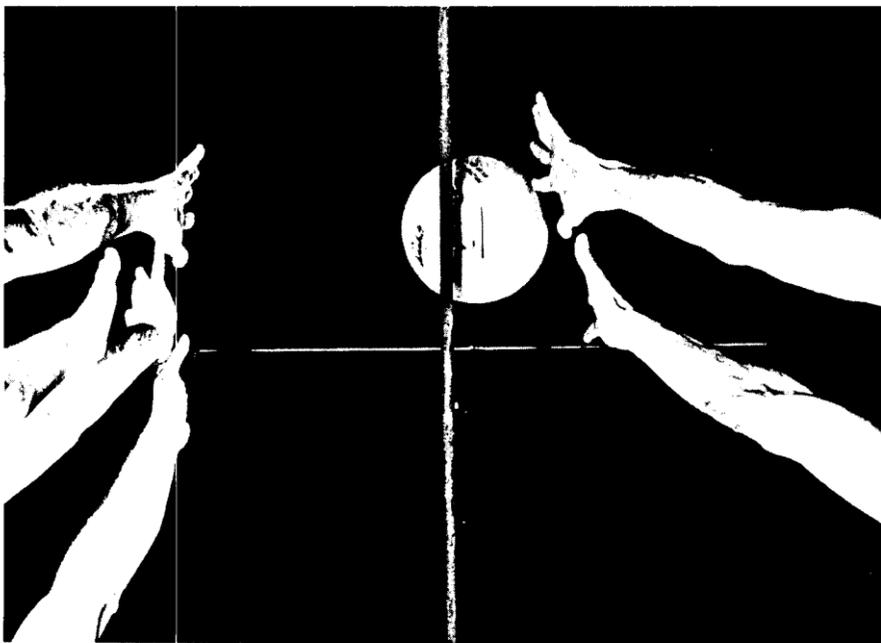
The Designers are taking an early lead. High games for the night - R. Marlow 200, H. Dawson 224, J. Lauber 201, E. Sunberg 202, J. Lee 201, J. Petro 209, D. Meier 202, W. Crockett 206, and J. Scesny 213.

Pink League

High game for the night goes to Brita McGonigle with a 196, 455 scratch series/650 gross, followed by Rosalie Piccione's 178, 498 scratch/642 gross series. Other highs were Renie Rosate 171, Grace Fales 165, Jo Gazzola 155, Mary Craig 155, Marion Mayhew 154, Marge Stoeckel 154, Betty Jellet 150 - and many 140 games. The gals are starting to roll. Forgot last week - Pat Oster has again agreed to be our League Representative.

Black and Blue League

Another night of fun and some bowling. The Cellar Dwellers started their move to get out of the cellar by getting into the win column, but the AR's and the Pacesetters don't seem to be worried, as they each took 7 points. W. Buckes was high for the guys with a 540 series, and Carol Baker for the gals with a 379.



Volleyball Time -

By Jerry Levine, Publicity Chairman

Men's League and Mixed League

Team applications for both leagues, Men's (dead earnest) and Mixed (for fun) are available in the Recreation Office. Deadlines for team entries is November 6. Mixed league games are played Mondays, after work, and Men's league, Wednesdays at 5:30 and 7:15.

Who may play? In the Men's league, employees only. In the Mixed league, employees and/or spouses. How many? You need 8 to field a team. If you don't have enough players, we'll try to help.

Team entry fee is \$10. Play will begin the latter part of November. Organize a

team for the level of activity that suits you, or submit your name to the player's pool by calling the Recreation Office on Extension 2808.

For more information call Co-Chairmen George Lindauer, Extension 2191, and Odell Ozer, Extension 2449.

Gym To Close Temporarily

The Gymnasium will be closed for all activities in order to prepare for the scheduled Visitor's Days of October 17 and 31.

The Swimming Pool, Recreation Office and Film Service Office will remain open as per their normal schedules.



Basketball Soon

By Jim Hooper, League Chairman

The officers of the Men's Basketball League are announcing the beginning of registration for the 1970-71 season. Applications may now be picked up at the Recreation Office. You have until the entry deadline of October 29th to round up your team. If you would like to play but do not have a team, join the Players Pool by calling the Recreation Office on Extension 2808. You will be placed on a team.

If you don't know - we play Slo-Break, a game designed to slow things down a bit so that everyone can participate and continue to enjoy the sport.

Games are played on Thursday nights at the Gymnasium. Teams play once a week for about 15 weeks.

An entry fee of \$40 is collected by the League for uniform shirts, a party at the end of the season, and other incidentals. BERA provides officials, equipment and awards.

This season we are considering a special mid-season tournament (perhaps fast break) with special tourney awards.

Don't wait - sign up now!

The captains will be called to a League meeting immediately after the deadline to discuss structure, budget and rules.

Family Campers Meeting

The Family Camping Club will meet at the Recreation Building on Thursday, October 15, at 8:00 p.m.

New members are always welcome.

Classified Advertisements

Autos & Auto Supplies

63 DODGE ?70 - White, 2 dr, r/h, ps, auto trans, w/snow tires, 67,100 mi. \$300. Shibata, Ext. 2403/2833.
 68 EL CAMINO - Good cond, low mileage, 327 cu in, 275 hp, ps, 4 spd. \$2150. Ext. 2304.
 70 HONDA - 100 cc. less than 50 mi on speedometer, many extras. 281-9559.

2 DUNLOP SNOW TIRES - Tubeless 4-ply nylon, 8.15x15, like new. \$40. George, Ext. 2151, 929-4818.

2-6.50x13 W/W SNOW TIRES - Mounted on 4-hole Falcon rims, good cond, not studded. \$25 both. Ed, Ext. 2816.

62 RAMBLER - Overhead 6 cyl, std shift, recent valve & brake job, must see to appreciate. \$225. Gene, Ext. 7677.

2-7.35x14 SNOW TIRES - Used less than 6 mos, excel cond. Orig price \$60, sell \$30 firm. Joe, Ext. 2494.

66 IMPALA - 2 dr hdtp, new brakes, clutch, batt, carb, 2 new tires, rebuilt head (valve job), 57,000 mi, inspected 281-8622 after 6.

65 VW BUS - 9 seater, blue & white, very good cond. Asking \$725. J. Schirmer, Ext. 2450, 472-1392.

63 FORD COUNTRY SQUIRE WAGON - Ps, w/w, 9 psgr. Ext. 2203, AT6-0866 after 6.

MOTORCYCLE - 70 Honda CT-70, mini-trail bike, excel cond. Cost \$375, sell \$250. Massard, Ext. 7534, 744-5008.

60 FALCON - 4 dr, running, good for parts, no reasonable offer refused. Geo, Ext. 657, 588-2328.

69 VW CAMPOBILE - Radio, propane gas stove, elec stove, tarpaulin, Coleman lantern, camping cookware, extras. \$2500 firm. 765-2503.

70 KARMANN GHIA - Green, 2300 mi, w/w, radio. \$2295. 727-1181.

SNOW TIRES - 2 Firestone 6.00/6.50x13, 4 ply, like new. \$18/pr. Ext. 480, AT6-0932.

SNOW TIRES - 8.25x14 mounted on GM wheels; 1 almost new, \$25; 1 slightly used, \$15; 2 a lot of mileage left, \$9 ea. AT9-0243.

63 CHEVY II CONV - 4 new tires, new batt, am/fm radio. \$300. R. Hedrick, Ext. 424.

63 FORD FALCON CONV - Auto shift, good transportation. \$175. Ext. 7244.

63 FIAT - Rebuilt eng & carb, 2 Pirelli tires in excel cond, good for spare parts. \$75. Tom, 475-7227 after 6.

67 AUSTIN HEALY 3000 - Needs some body work. \$1875 firm. 281-8395 after 6.

64 PONTIAC G.P. - Auto trans, ps/pb, vinyl top, 51,000 mi, excel cond. Asking \$600. Tony, Ext. 7803.

63 CHEVY - 4 dr, very clean & very good cond. \$400. Leroy, Ext. 560.

VW SNOW TIRES - W/wheels, used 1 season. \$25/pr. Stan, Ext. 7407.

1-13" FALCON WHEEL - \$3. Ext. 2515.

55 CHEVY - 2 1/2 c.i., 283 heads, 327 solid cam, 3 spd, h.d. suspension, Carter AFD, 4.88 gear. \$200. 289-0423 after 6.

65 RAMBLER MODEL 770 - Orig owner, excel cond, 4 dr, 1 driver, passengers rare. \$800. M. Heine, AT6-0478.

62 MERCURY COMET - Std, sedan, good cond, economical transportation, incl snow tires. \$225. YA4-3082.

61 VW SUN ROOF - Fair cond, 2 extra wheels. \$200. Fuller, Ext. 2363, AT6-0747 after 6.

65 CHEVY IMPALA CONV - R/h, auto trans, V8, ps, w/w, wheel covers, good cond, orig owner. \$795. Tom, Ext. 7440, 281-7965.

JUDSON TRANSISTORIZED IGNITION - \$18. M. Strongson, Ext. 2727.

2-14" RAMBLER WHEELS - 5 lug pattern, \$5/pr; 2 Chevy oil pans, \$10/both. Bill, Ext. 2474.

69 TRIUMPH GT - 6 + w/ o/d, r/h, ww radials. \$2100. Ernie, Ext. 598, EM3-7260.

63 CHEV. - New tires, battery, muffler & tail pipe, auto trans. Good cond. \$300. RA8-4264.

69 TRIUMPH SPITFIRE CONV - Excel cond, 11,000 mi. \$1900. PA7-3887.

Boats & Marine Supplies
 24' AUX GAFF RIGGED SLOOP - In excel cond, dacron sails, galley, head, sleeps 2, draught 2'. AT6-1309 after 4 p.m.

6 HP OUTBOARD ENG - Runs well. \$35. AT6-9197.

18' CAPE COD BABY KNOCKABOUT - Dacron main & jib, needs paint & caulk. Carl, Ext. 7238, 744-2069.

16' STARCRAFT - W/trailer, 75 hp Johnson. \$1000. Ron, 929-4909.

SWAP - 1-10" boat trailer rim for 1-8" rim. H. Ach, Ext. 2411.

17' THOMPSON LAPSTRAKE BOAT - 35 hp Johnson motor, Shipmate trailer & many extras. \$800. 273-9628.

Miscellaneous
 CHINA CLOSET - 18th Cent, Mahogany, electrified. 5'9" high, 3'8" wide, 12" deep. \$40.00. HR3-2523 after 6:30 p.m.

TRAVEL TRAILER - 15' Scotty Hi-Lander, self-contained, sleeps 6, awning, gas & elec, many extras, must see to appreciate. 585-5194.

BEAGLE RABBIT DOG - AKC, female, 2 yrs old. \$30. Leroy, Ext. 560.

21" TV - Magnovox console, stereo, am/fm radio, working cond. \$100. Joe, Ext. 576.

BABY CARRIAGE - English coach, excel cond. \$25. Ext. 7143, 281-8390 after 6.

PILOTS HAND BOOKS - All types, private, commercial, instrument, 1/2 whole price, brand new. 281-8649.

6 STRING GUITAR - 4 pick ups & amplifier, excel cond, \$100; 20" hi riser bike, gold, like new, \$20. AT6-9197.

SINGER SEWING MACHINE - Touch & Sew, very little used, new cond; 21" Philco TV. 744-3689, 473-5924.

12 CU FT KELVINATOR REFRIG - Good cond. \$50. 727-5596 after 5.

NEW CASHMERE OVERCOAT - Size 42, reason for selling-weight loss. Orig price \$135, will sell \$75. 727-5596.

TAPE - Country & western. \$3. Susan, Ext. 670.

YASHICA MOVIE CAMERA - Super 8, case, 1A filter & light, all auto, pwr zoom, tel & wide angle. \$85. H. Lobe, Ext. 2314.

OLD GERMAN UPRIGHT PIANO - Antique white w/gold scroll, needs tuning. \$175. 724-2943 after 6.

13 CANS ENFAMIL CONCENTRATE - \$0.27 ea; maple platform rocker, \$5. D. Hirst, Ext. 2938, 286-3912.

LIV RM FURN - Sofa, 2 matching chairs, custom scotchguard slipcovers, very good. \$135. 878-0792.

GE REFRIG - \$35; mahog TV cabinet, full doors; white dbl sink; counter-top w/yellow formica; iron railing; maple chair, etc., best offer. Ext. 586, 289-3114.

GERMAN SHEPHERD PUPPIES - Male & female, Sire Champion Theron's Dino, 1967 US National Futurity Victor. \$100 & up. 473-5404.

BICYCLES - Boys, 1 for \$10, 1 for \$25 in excel cond. Jules, Ext. 576.

MAPLE KITCHEN SET - Table & 4 chairs. \$35. 281-8557.

COMPL BEDRM SET - Twin beds, like new. \$50. 281-8557.

CLARINET - B flat, wood, made in France, w /case, like new. \$60. J. Dobesh, Ext. 2430.

STEREO-AMP - Dyna SCA35, 35 watts RMS, superb instrument, Miracord 40A stereo turntable, auto & manual, w/Pickering V15AME3. \$150/both. Mel, Ext. 2728.

FRIGIDAIRE REFRIG - 8 cu ft, old model in good cond, you haul it. \$10. 298-8601.

.222 REM - Sako on 1" Flaig barrel, Unertl mounts, thumbhole stock, mint cond. \$140 firm. Ext. 597, AT6-0436.

12 GAUGE DBL - Side by side, Italian, full engraving, new cond. \$130. Ext. 597, AT6-0436.

FM TUNER - Meissner. \$10. Ext. 353, AT6-0436.

STEEL DESK - Heavy duty, olive green, 30"x60" w/ matching wooden chair, \$30; fm tuner, "Bogen" amplifier & speaker, monaural tube type. \$20. Ron, Ext. 610.

KITTENS - Free, all sizes, colors & genders. Jay, 473-1813.

DROP LEAF TABLE - Formica top, 2 extra leaves, 2 chairs, ideal for sm din rm or apt. 732-3138.

MOWER - Self-propelled reel, Johnston 18", 2 1/2 hp, good cond. Cost \$175, sell \$50. Massard, Ext. 7534, 744-5018.

4 TICKETS - For NP Philharmonic, Oct 31, all Copeland program. 2 @ \$6.50 ea, 2 @ \$5.50 ea. Perlman, HR2-1174.

GARAGE SALE - Portable TV, rug, mattress, dresser, end tables, chairs, rotisserie, etc, 9 Mark Drive, Smithtown. AN5-0501.

AUTHENTIC 6' OXEN YOKE - W/bows, \$36; brass kettle, \$10; 2 milk cans, painted blk, w/decals, \$5 ea. Ext. 7539.

AKC DOBERMAN PINSCHER PUPS - 8 wks. Bob, Ext. 2436, 727-2346 eves.

CAMERA - Polaroid model 250 for color pack & b&w w/flash gun, timer, filter & carrying case, excel cond. Paul, Ext. 7782.

ELEC GUITAR - "Kent" amplifier & speaker, excel cond. \$50. Ext. 7382.

67 APOLLO TRAVEL TRAILER - \$1500. HR3-1456.

TOYS - Tonka trucks, Matchbox cars, carrying case, 3 GI Joes, outfits & sealed, all in good cond. AT6-8814.

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
 9 RM HOUSE - W/appliances, ideally set for mother & daughter dwelling, or someone looking for home w/income, reasonably priced. Luccioni, Ext. 560, 732-3762.

SHOREHAM VILLAGE - Wooded 1-acre building plot. 744-6657.

CHOICE 20 ACRES - Wooded-priv road, 4 mi from exit 100 (Grossingers') Rt. 17. \$12,000 firm. Walt, 744-6903.

SHOREHAM - Lot approx 3/4 acre, Shoreridge, Hills, near LI Sound, suitable split level dwelling. 744-3959 after 5.

For Rent
 4 RM APT - Bellport, 2 bedrms, all util, garage & cellar. Lease \$200/mo. 286-8850.

Wanted
 SLEEPING BAG - W/3 lbs or more goose down. Al, Ext. 7276.

HOMES - For half-grown kittens, 5 mos old, Commerford, Ext. 2919, 281-7547.

SMALL TRACTOR - Lawn, garden, w/attachments, plow, etc. George, Ext. 2231.

TO RENT - Sm house for young working couple, Nov. occupancy or sooner. Kathy, Ext. 7600.

DEHUMIDIFIER - In working cond, reasonable. Debbie, AT6-0263.

SM HOUSE OR APT TO RENT - 2 bedrms, garage, unfurn, close to Lab, reasonable. Bill, Ext. 7693.

CAMERA CASE - Super 8 mm movie, reasonable. Susan, Ext. 670.

BABYSITTING - Reliable high school Jr will sit eves & Sat afternoons. Cathy, 878-0979.

ORGAN - Portable electronic, for group playing. Manny, Ext. 2378, 363-6787 eves.

USED CLAY OR PLASTIC POTS - Lg, or 2 gal Clorox containers, for plants to go to hospitals. K. Fuchel, Ext. 2446.

VW FASTBACK - Reasonable \$, good cond. Roberta, Ext. 7175.

HOME - For 6 wk old kitten. Commerford, Ext. 2919, 281-7547.

HOME - With access to outdoors for handsome, well-behaved, friendly 2 yr old male cat now unhappily confined to city apartment. Andy, Ext. 595.

VW ENG - Or used or wrecked car for parts to be used in rebuilding by teenager. Ext. 597, AT6-0436.

Lost & Found
 LOST - 1 blk hat, between Cafeteria & Medical, near Theatre parking lot. R. Brown, Ext. 2898.

Christmas Mail Deadlines
 Mail for Armed Forces Overseas

	Parcels	Greeting Cards
Surface Mail	Nov. 6	Nov. 12
SAM (Space Available)	Nov. 20	
PAL (Parcel Airlift)	Nov. 27	
Airmail	Dec. 11	Dec. 11

	Domestic Mails	
Distant States	Dec. 1	Dec. 10
Local and Nearby Areas	Dec. 11	Dec. 15

	Surface	Air	Greeting Cards
Canada	Dec. 4	Dec. 16	Dec. 9
So. America	Nov. 13	Dec. 14	Nov. 18
Europe	Nov. 13	Dec. 14	Nov. 18
Africa	Nov. 2	Dec. 10	Nov. 6
Near East	Nov. 2	Dec. 10	Nov. 6
Far East	Oct. 16	Dec. 10	Oct. 21

Cafeteria Menu
Week Ending October 22, 1970

Friday, October 16
 Clam Chowder
 Round Roast of Beef w/1 Veg. .80
 Fish 'N' Chips w/Tartar Sauce .70
 Shrimp Chow Mein on Rice w/Crisp Noodles .85

Monday, October 19
 Vegetable Soup
 Barbecued Beef on Rice w/1 Veg. .80
 Breaded Pork Chop w/Applesauce & 1 Veg. .85
 Broiled Chicken Livers w/Bacon & 1 Veg. .85

Tuesday, October 20
 Beef Barley Broth
 Roast Stuffed Chicken 1/4 w/Giblet Gravy & 1 Veg. .80
 Baked Meat Loaf, Brown Gravy & 1 Veg. .80
 Ham a la King on Rice .80

Wednesday, October 21
 Cream of Mushroom Soup
 Veal Pattie Parmigiana w/Tossed Green Salad .85
 Knackwurst & Sauerkraut w/Mashed Potatoes .75
 Swedish Meatballs on Rice .80

Thursday, October 22
 Onion Soup
 Swiss Steak Smothered in Onions & 1 Veg. .80
 Chicken Pie .80
 Stuffed Cabbage w/1 Veg. .80

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

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

- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- 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 Wanted
 For Sale: Boats & Marine Supplies Carpools
 For Sale: Miscellaneous Lost & Found

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