

the Bulletin Board

VOLUME 16, NUMBER 17

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JANUARY 15, 1963

AEC EXTENDS AUI CONTRACT FOR OPERATION OF BNL

The Atomic Energy Commission has extended to June 30, 1967, its contract with Associated Universities, Inc. for the operation of Brookhaven National Laboratory. The original effective date of the contract was January 1, 1947, and its extension is a gratifying expression of the Government's continued confidence in the management which has been provided for Brookhaven.

TWENTY-THIRD BROOKHAVEN LECTURE

Last Wednesday night at the Lecture Hall, a capacity audience, heard Professor Leon M. Lederman, guest physicist at BNL on leave from Columbia University, discuss "Neutrino Physics". After a short review on the nature of neutrinos and their place in high-energy physics, Professor Lederman described the spectacular experiment which the Columbia-BNL Group performed last winter at the BNL AGS wherein they proved that there are two different kinds of neutrinos: one which appears in processes involving mu mesons and one in those involving electrons.

The study of neutrinos is made particularly difficult because they are uncharged, have very small or zero mass, and can pass through large quantities of matter without making interactions. The special detector described by Professor Lederman was a spark chamber which contained 10 tons of material (aluminum) yet only about one event per day was observed. Several thousand tons of steel plates, scrapped from old battleships, shielded the detector from all particles except neutrinos in the beam coming from the target being bombarded inside the AGS.

Looking into the future, Professor Lederman described briefly plans for future experiments to study neutrinos in much larger spark chambers (50 tons) and making use of an extracted proton beam from the AGS in the new Southwest Experimental Area.

ARTHUR MURRAY DANCE CLASS DEMONSTRATION - ORGANIZATION

Wednesday, January 16, 8:30 p.m. at the Recreation Building.

BERA FILM SERIES

"ROCCO AND HIS BROTHERS"

Directed by LUCHINO VISCONI

Thursday, January 17, 1963

8:30 p.m., Lecture Hall

A monumental film of epic proportions, in the literal sense, "Rocco" tells its story in five episodes over a span of half a dozen years. It is a social study of a mother and her four sons who leave an impoverished farm in southern Italy to join a fifth son in Milan to seek a better life. The unskilled brothers, unaccustomed to the distorted values of city life, have a difficult time adjusting to the new environment. Eventually Simone (Renato Salvatori), most ambitious of the five, makes a name for himself as a prizefighter, and takes disillusioned Nadia (Annie Girardot) as his mistress.

"Rocco and His Brothers" justifies almost any superlatives. Call it an experience, call it a colossus among films, and its sheer impact is still not conveyed. Its scope and power are virtually unique. Visconi is one of the cinema's most refined craftsmen, a master always able to bring off exactly the effect he wishes. —DEREK HILL

"Rocco and His Brothers" is a fine Italian film to stand alongside the American classic "The Grapes of Wrath". It comes here garlanded with laurels that are quite as appropriate in this context as they are richly deserved.

—BOSLEY CROWTHER, New York Times.

BERA MOVIE SCHEDULE

January 31	ZERO FOR CONDUCT AND L'ATALANTE
February 7	TWO WAY STRETCH (Peter Sellers comedy)
February 21	VIRINIANA (Spanish, Louis Bunuel)
March 7	OEDIPUS REX (Tyrone Guthrie version)
March 14	BELL ANTONIO (Italian) Bonus Film
March 28	A NOUS LA LIBERTE (Rene Clair comedy)
April 11	THE MAGICIAN (Ingmar Bergman)
April 25	BREATHLESS (French) ✓
May 9	TO BE ARRANGED
May 23	SUMMERSKIN (Leopoldo Torre Nilsson)
June 6	CARRY ON NURSE (British Comedy)

Series tickets are available at show time in the Lecture Hall. \$7.00 for ten films - single admission \$1.00.

RIGHT OR WRONG

Last week we said - "Watch for our Saint Patrick's Dance on Friday, March 16 . . ." and everybody knows **Friday is March 15**. What we really meant was the dance starts on Friday (15) at 9:00 p.m. and ends on Saturday (16) at 2:00 a.m. So come either day!

SKI CLUB MEETING

There will be a meeting of the Ski Club on Monday, January 21, at 8:00 p.m., in the Recreation Hall. The film, "Have Skis Will Travel" will be shown.

FOLK DANCING

There will be folk dancing every Monday evening from 8:00 p.m. to 11:00 p.m. at the Recreation Hall.

CAFETERIA SPECIAL!

The BNL Cafeteria will serve a "steamboat roast" on Thursday, January 17, from 11:00 a.m. to 7:00 p.m. The meat will be carved to order at a cost of \$.75 (vegetables will be extra). This meal will be served from the regular food-line, and the speed-line to the left will be used to serve carved to order "steamboat roast" hot sandwiches, which will also cost \$.75.

The Cafeteria management, as part of their program to provide varied and interesting food, is planning to present a special meal once a week. Watch THE BULLETIN BOARD for further details.

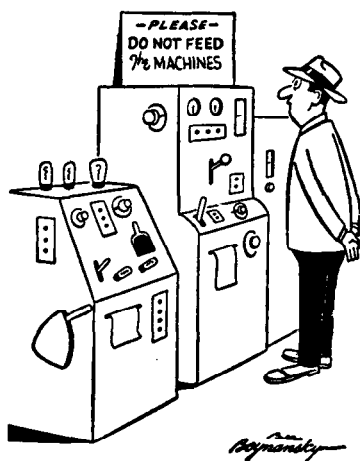
SOCIAL SECURITY

QUESTION: How do I find out whether all my wages are being reported for social security purposes?

ANSWER: You can get this information from the national record-keeping headquarters of the Social Security Administration. Your local social security office has a handy pre-addressed postcard form designed especially for this purpose. Fill out this card and mail it. In reply, the Social Security Administration will send you a statement of the earnings they have accredited to your account. You can then compare this information with whatever earnings records you have; for example, wage slips and W-2 forms. If the information from the Social Security Administration does not agree with your own earnings record, visit your local social security office for help in getting your earnings record corrected.

THE BNL THEATRE GROUP

Will Present
"A VISIT TO A SMALL PLANET"
 February 7, 8, and 9



Arrivals and Departures

WELCOME TO BNL

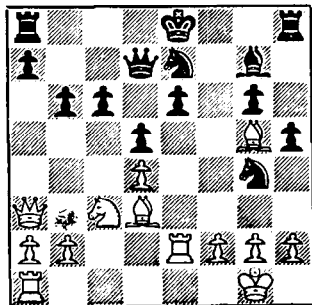
AGS		
Franklyn D. Dimino	Ext.	2410
APPLIED MATHEMATICS		
David R. Beaucage		2736
BIOLOGY		
Archie L. Murdock		312
CENTRAL SHOPS		
Walter J. Beaver		577
William B. Henrich		566
Casimir R. Petrosky		573
FISCAL		
James F. Carlon		446
INSTRUMENTATION & HEALTH PHYSICS		
Virginia P. Lyons		458
MECHANICAL ENGINEERING		
John N. Hopping, Jr.		
PHYSICAL REVIEW		
Martin Zucker		2341
PHYSICS		
Max Lipsicas		
Sergio Monaro		2611
Walter T. Willrich		
PLANT MAINTENANCE		
Emmit G. McKeever		2389
Robert J. Nieto		

RECENT DEPARTURES

PHYSICS
 Angela C. Li

CHESS PROBLEM

In this week's problem almost all the pieces are still on the board, but mate is in sight. It is White's move and win. How? Answer elsewhere in this week's BULLETIN BOARD.



ALIEN ADDRESS REGISTRATION

Every alien must report his address during January of each year to the Commissioner, Immigration and Naturalization Service. Alien address report cards are available at the Upton, U.S. Post Office, 2 Center Street.

BRIDGE

Ellie Hedges, one of our promising young duplicate players, was not pleased with the treatment she received from Les Lawrence and Sandy Wagner on this hand from the club championship.

	N (GAYNOR)	
	Q J 10	
	A K J 7 2	
	5 4	
	A J 4	
W (LAWRENCE)		E (WAGNER)
9 8 7 6 3		K 5 2
Q 10 9 5		6 3
K 7		Q 8 6
9 3		K Q 10 8 7
	S (HEDGES)	
	A 4	
	8 4	
	A J 10 9 3 2	
	6 5 2	

BIDDING

N	S
2H	3NT

Lee Gaynor's 2H opening was a moderate 2 bid showing 16 or 17 points. Lawrence led a spade, the only lead that could hold declarer to less than 11 tricks as the cards lay. Wagner figured that with south missing so many high cards, only a long diamond suit could justify the jump to 3 NT. Thus he played the spade king to knock out the entry to the diamond suit.

Declarer finessed the heart jack and led a diamond. Wagner put up the queen, declarer won, and went after the hearts. Thus, she was held to 3 spades, 4 hearts, a diamond and a club.

Declarer might have failed the play of the diamond queen on this reasoning: a good defender would not play an honor from KQX, but would play low to keep the suit from running. Therefore, the play of the queen must be from either Q, KQ, QX, or QXX. Declarer should hope it's from KQ or QXX, duck the trick, and play the ace on the next round. If the king doesn't appear, then declarer can go after the hearts.

The final round of the club championship will be held on Thursday at the Recreation Hall, at 8:00 p.m. Even if you failed to play in the first round, you may play and win a session award.

The monthly master point game will be held on Thursday, January 31.

**The friends to treasure
 Are the few
 Who guess it's time to go,
 And do.**



KEGLER'S KORNER

BY: CLAIRE LYDECKER

BOWLING MEETING

The BNL Bowling Board met last month and acted on a number of items, including special events during the weeks of January 28, and February 25. On Saturday, March 30, a Scotch Doubles Tournament will be held at Port Jefferson Bowl.

Split season rules were formalized and copies distributed to team captains through their League Secretaries.

Rules were established whereby an extra bowler could be added to the winning ladies team, enabling them to compete in the end-of-season BNL Championship Playoff.

In place of earlier plans for a Bowling Newsletter, Claire Lydecker will serve as the bowling representative and will submit a bi-monthly column to the BULLETIN BOARD. The names of the reporters from each League will be announced shortly. Each team captain should report his news to his reporter; the reporters in turn should turn in their articles to Claire at building 136 no later than Thursday of each week.

RED LEAGUE

The first half of the season ended with Ah So's as winners and Biology as runner up. This means that the Ah So's will compete against the second half winner for first and second place, and Biology will meet their second half counter-parts for third place (12 team league).

Utilities started the second half by jumping into an early lead, taking all four points from Mecca. In the first game they had three men reach 200 (T. Iarocci, 202, M. Iarocci, 200, and A. Laurine, 200). The Cosmos also had three big scores during the first game (Thornhill, 201, Skelton, 202, and Ferantello, 205). Sundberg had high game for the night with 214, and T. Iarocci had the high series of 573.

PINK LEAGUE

The Galaxies took over in Heaven for the first half of the season. "The other place" was held by the Sprites, who are deeply indebted to the Twinkletoes for surrendering this reverent position.

Starting off the second half of the season, the Sprites copped 3 from the Alley Kats. Howling for the Kats, L. Bartos scored 175/322 and C. O'Neil 177-150/470. A. D'Esposito rolled 169/438 and C. Lydecker 153-163/458 for the Sprites.

PERSONNEL SERVICES

At the Recreation Office - 3 Center Street
Daily 9:00 a.m. to 1:00 p.m.

DISCOUNT TICKETS

Discount tickets are now available for the Sixth Annual Marine Recreation Show at the Island Garden, West Hempstead, for performances from February 9 through February 17.

Discount coupons, good through January 29, are now available for "A Thousand Clowns" playing at the Eugene O'Neill Theatre in New York City. This coupon is good for the matinee on Wednesdays and the evening performances Monday through Thursday.

Don't forget we still have Mineola Playhouse coupons for five shows playing from January 15 through March 10.

Tickets are still available for two more New York Ranger Hockey games - January 30 and February 20.

OPERA SCHEDULE FOR FEBRUARY

- 4 TRAVIATA
- 5 ADRIANA
- 6 DUTCHMAN
- 7 FIDELIO
- 8 TRISTAN
- 9 ADRIANA (Mat.)
DON GIOVANNI (Eve.)
- 11 TRISTAN
- 12 DUTCHMAN
- 13 ADRIANA
- 14 AIDA
- 15 FIDELIO
- 16 ARIADNE (Mat.)
BALLO (Eve.)
- 17 TURANDOT (Non Subscription)
- 18 DUTCHMAN
- 19 TRAVIATA
- 20 FIDELIO
- 21 No tickets
- 22 TURANDOT

Sales and service items include the sale of film and film processing, TV and radio tubes and a tube testing machine, coffee and a rental library.

Schedules - Reviews and box office information is available for New York plays, local and metropolitan movies. (Tickets for all shows are **not** available at the office - **only** those discount exchange tickets which are announced periodically.)

For information on any of the above services, call extension 2808.

BERA ELECTION

The Nominating Committee has been appointed and will meet shortly to select a slate of candidates for election by all employees to the BERA Executive Board. John Binnington, BERA Vice President, will preside at the meeting.

U.F.O.

**(UNIDENTIFIED FLYING OBJECT)
SPOTTED OVER VIRGINIA**

Spectators are invited to watch Major General Tom Powers' handling of an "invasion" from outer space in the form of the BERA Theatre Group's presentation of "Visit to a Small Planet." The role of the General is played by Harold Schwarz, and the astral visitor is Ed Sayre. The cast also includes Hildred Blewett, Dan Schaeffer, Peggy Goldberg, Roger Galvin, Bill Hilger, Norbert Porile, Woody Woodburn and Spice, the cat.

This three-act comedy, directed by Ginnie Sayre and produced by Perk Stoenner and Gert Friedlander, will be presented at the BNL Theatre on February 7, 8, and 9, at 8:30 p.m. Watch for further announcements in THE BULLETIN BOARD.

SOLUTION TO CHESS PROBLEM

- | White | Black |
|-----------------------|------------------|
| 1. N x P wins because | if 1. KP x N |
| 2. R x N | and if 2. BP x N |
| 3. B-N5 | and if 3. N x N |
| 4. B x P | and if 4. Q x N |
| 5. Q x N mate . . . | |

CLASSIFIED ADS

FOR SALE

1956 CHEVROLET STATION WAGON - Good running cond., good tires. Ext. 2203 or AT 6-0866 after 6:00 p.m.

1956 CHEVROLET - 2 dr. sedan, 6 cyl., std. shift, 2 new tires, runs well. \$300. F. McKay, Ext. 2380.

1962 CHEVROLET II - Mod. 300, white, four dr. sedan, r&h, 4 cyl., 90 hp, std. shift, 12,000 miles. Owner leaving Lab. \$1600. Petry, Ext. 2212.

1962 CORVAIR - Monza, fully equipped, 4 speed, \$1850. SH 4-9724 after 6:00 p.m.

1962 CORVAIR - Monza, 102 hp., 4 speed shift, fully equipped, immaculate. Approx. 5000 miles. \$1800. GR 5-1951.

1956 STUDEBAKER - Golden Hawk, 352 cu. in. engine, runs exceptionally well. Ext. 2267.

1954 STUDEBAKER - 5 passenger cpe., mech. good, cosmetically poor. \$75. LT 9-5741 after 6:00 p.m.

1959 MERCURY - 4 dr. \$1000 or take over payments of \$63. per month. YA 4-6374.

1960 RENAULT - 4 cv., r&h, good cond., good tires (2 brand new), \$450. R. Trautwein, Ext. 2746 or HR 2-0409.

1958 RENAULT - Mod. 4 cv, 4 dr. sedan, many new parts and tires, reduced to \$275. Ed Potter, Ext. 2456 or TU 8-1179.

1954 CHRYSLER - New Yorker, in good running cond., clean body & interior. \$200. JU 5-8340.

1952 MORRIS MINOR - Convertible, 30,000 miles, good cond., w/w, new battery, plugs, points, brake lining, \$200, or best reasonable offer. Owner leaving Lab. T. Constant, Ext. 2455 or AT 6-8907.

1959 AMERICAN RAMBLER - Auto. trans., r&h, bargain. W.F. Coates, KA 8-1266.

1956 FORD STATION WAGON - V8, auto. trans., r&h, padded dash, 2 extra wheels & tires, excell. running cond. Ext. 2375.

HOUSE - Closed porch, 1 car garage, full basement, 2 bedrooms, living room, bath, large kitchen, asphalt driveway. One acre. \$12,700. E.J. Barnes, YA 4-6374.

3 BEDROOM RANCH - Living-dining room, all elec. kitchen, wall oven with bar-b-q, re-frig., surface plates, screened breezeway & patio, garage, heated full basement, 4" fiberglass roof insulation, antique mahogany panel fireplace and panel wall with built in breakfront, w/w carpeting, hot water circulating heating system. 120' front x 180'. Call 751-1473 for appointment.

COLONIAL HOME - Lovely white on .8 acre rolling, wooded property in village of Shoreham 1/2 block from private beach. Living rm. with fire place, din. rm., den, 3 bedrms., 1 full bath, 2 lavatories, porches, full basement already divided into rooms, washer, dryer, dishwasher, refrigerator. Low taxes. SH 4-3667 after 6:00 p.m. or Ext. 2610.

SPLIT-LEVEL HOUSE - Bellport, six rooms, large playroom, garage, dishwasher, wall oven, elec. range, 1/2 acre fully landscaped, immediate occupancy. Ext. 350 or AT 6-8698.

OMEGA ENLARGER - Old D2, W 162 mm F4.5 Wollensak lens, film holders. \$75. LT 9-5741 after 6:00 p.m.

SNOW TIRES - 2, Firestone, practically new, 800x14. \$25. Also: 4 Dunlap tires & tubes, used. 6.40x15. Good for 15-20,000 miles \$5. each. L. Golsong, Ext. 2389.

1961 JOHNSON OUTBOARD - 40 hp manual start, short shaft, not used in 1961; 2 six gal. gas tanks, 2 props, Whitney single lever control box. Total value \$590, asking \$350. R. Meyer, Ext. 481 or LT 9-5757.

ATLAS COACH - Delux baby carriage, like new. \$25. R. Meyer, Ext. 481 or LT 9-5757.

PISTOL - 7.65 mm, star semi auto., like new, permit req'd. \$10. R. Meyer, Ext. 481 or LT 9-5757.

GAS HEATER - Vent circulator type, rated at 16,000 BTU with auto. thermostat & safety pilot. Used one season. \$25. Ext. 2133 or LT 9-4360.

AM-FM TUNER - Motorola, mahogany cabinet. \$55. 12 watt amplifier & built in preamp. \$16. 8" coaxial speaker in wood cabinet, \$20. L. Barlow, Ext. 2871.

MEN'S FIGURE SKATES - Size 10, excell. cond. but too small for me. \$15. or best offer. Borg, Ext. 2924.

SX 28 RECEIVER - Nils, Ext. 311.

AQUA-LUNG DIVING GEAR - Tank with reserve, reg., spear gun, wet suit, fins, mask & weight belt. New, in good cond. \$130. Ext. 464.

HANGING WALL CUPBOARD - Early Long Island, 4x5 ft. Three shelves for china or pewter. Covered storage space below. Ext. 454.

CAMERA - 35 mm, Kowaflex, built in meter, f.2 lens, almost new. L. Baker, Ext. 591.

WASHER-DRYER COMBINATION - Westinghouse, \$100. Old electric iron, \$2. Ext. 2543 or AT 6-0798.

40" ELECTRIC STOVE - Warming oven, \$20. Maytag auto. washer, \$10. Piano (Winter 1961), full spinet, limed oak with matching bench, \$450. Gordon Ahlers, Ext. 440.

SPORT JACKET - Boys gold plaid, size 16, \$5. Boy's winter jacket, size 16, \$5. Man's grey sport jacket, \$5. Men's herrinbone sport jacket, \$5. Gordon Ahlers, Ext. 440.

HEATHKIT - VFO, 80-10 mtrs, \$15. National NC60 radio general short wave coverage, \$35. Single speed Ampro tape recorder, for voice and training use only, works good, \$20. National NC105 short wave radio, one year old, works fine, 500 KC to 30 MC, \$80. B. Howard, Ext. 2314.

GIRL'S FIGURE SKATES - Size 2, worn three times, \$4. Boy's hockey skates, size 4, \$3. Ext. 2203.

DESK - 4 drawer, 4' wooden desk and chair plus standard typewriter that folds into desk. All in good cond. \$35. Donnelly, Ext. 2254 or SH 4-3630.

ARCHERY SET - \$12. Variable to 50X telescope (Tasco), \$8. Typewriter: Remington Portable, like new, \$65. Camera: Petri Penta, \$60. L. Barlow, Ext. 2871.

BENSON GYRO GLIDER - (Helicopter glider), \$200. T. Constant, Ext. 2455 or AT 6-8907.

AUTO RADIO - 6-volt, automatic, all in one chassis, 4"x6"x10", good cond. \$10. GE Console radio in good cond., 550kc through 22mc on 3 bands, FM tuner-phono input jack, 12" speaker and a unique and very effective all-wave built-in antenna. A steal at \$20. Emerson table model radio in well taken care of original wood cabinet, 550 kc through 4mc in 2 bands, plays well. \$10. Antique victrola wind-up phonograph in mahogany console cabinet, all in excell. cond. \$25. Walt, Ext. 2457.

FISH TANKS - One ten gal., and one two and one-half gal. Included are heaters, pump, filters, lights and many other extras including decorations. \$20. EM 3-6895 before 3:00 p.m.

MEN'S SKI PANTS - Stretch, size 34R, blue. \$15. E. Raka, Ext. 310.

WHITE FIGURE SKATES - Girl's size 13, \$3.50. Ladies size 5; \$4.00. Slightly used. Both pair with scabbards. Ext. 2865 or HR 3-1241.

STEREO - Multiplex adapter. Eico MX99, factory wired and tested. Reasonable. Nils, Ext. 311.

WANTED

HOME - For a two month old male kitten, black with a happy disposition. YA 4-6139.

OLD ELECTRIC TRAINS - Any make, manufactured before 1940, "standard" or "O" gauge. Andrew Reichlen, Ext. 577 or HR 3-3077.

BARBELLS - Ext. 387.

LADIES ICE SKATES - Size, 7 1/2. Ext. 701.

VACUUM CLEANER - Reasonably good cond. N. Purdie, Ext. 614.

HOME - For 2 female kittens, 8 weeks old, one grey and one brown tiger. You too, can join the large fellowship of owners of Vise cats. Vise, Ext. 467 or 605 or JU 4-9550.

COMPANIONS - 1 or 2 females to share cozy, suitably furnished home in Bellport, within walking distance of shopping and boy, with hi-fi yet) AT 6-0348 after 5:30 p.m.

RIDE - To Salt Lake City around March 30. C. Spirio, Ext. 686.

WASHING MACHINE - Apartment size, C. Spirio, Ext. 686.

FOUND

Call Personnel Services, Ext. 2107

Prescription Sun glasses
One tan leather glove
One pair of black leather gloves (fur lined)
Black belt with silver studs (girls)
Green sweater
Multi-colored scarf
Keys in black leather case

LOST

BLACK CARDIGAN - On the night of the Biology Department party, December 20, Ext. 701.

FOR RENT

3 BEDROOM RANCH - Setauket, fully furnished, water view, short walk to private beach and boating facilities, many features. Early March to Labor Day. 941-9044.

2 BEDROOM HOUSE - Fully furnished, 4 rms., garage, available immediately, rights to private beach. HR 3-0039 evenings.

CARPOOLS

Hofstra evening student would like to "share the ride" Monday and Wednesday evenings during Spring semester. P. Weiss, Ext. 2373.

Paying rider needs transportation from Westhampton Beach. \$5.00 per week. Located 3 blocks in from Montauk Highway, Route 27, and 2 blocks from Main Street in Westhampton Beach on Woodland Ave. Robert Kelly, Ext. 462.

We are in search of a person desiring to join an existing carpool from the Farmingdale area. L. Schatzer, Ext. 2475.

Paying rider needs ride from Main Street, Mt. Sinai, Monday through Wednesday, Ext. 2296.

Three man carpool desires fourth man from Hicksville-Huntington area. G. Jackson, Ext. 2916.

Two drivers wish to form or join existing carpool from Patchogue, vicinity of N. Ocean Ave. and Oak St. Ext. 330 or 610.

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