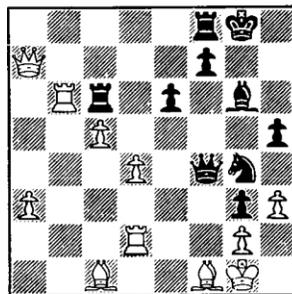


CHESS PROBLEM

In this week's problem it is Black's move. If he makes the right move, Black wins. Answer elsewhere in this week's BULLETIN BOARD.



TICKET SALES

Ticket sales for OPERATION GET-TOGETHER No. 4 will end Friday, July 21. No tickets will be sold after that date. However, the Committee has set up a ticket exchange bureau and Joan Siebert, Ext. 420, is the coordinator.

If, after purchasing tickets, you find you cannot use them or if you were unable to purchase tickets due to illness, vacation, etc., call Joan Siebert. Joan's function will be to compile a list of ticket holders who cannot come to the picnic and to refer them to those who were not able to obtain tickets.

SLO-BALL

Monday	
Pop Ups 12	Electronics 4
Metallurgy 14	Gnats 10
Tuesday	
Cosmotron 21	Gnats 8
Wednesday	
Metallurgy 9	Dirty Sox 7
Thursday	
Old Timers 5	Phoubars 9

STANDINGS	WON	LOST
Phoubars	8	2
Metallurgy	8	2
Cosmotron	6	3
Old Timers	7	4
Dirty Sox	4	5
Pop Ups	4	5
Gnats	1	10

VISITORS TO BNL

On Wednesday, July 19, a group of 200 high school students participating in the National Science Foundation's Summer Science Training Program will visit BNL for tours and a talk on particle physics.

A smaller NSF group touring BNL this week will be composed of high school teachers of the Summer Institute of Physics, Fordham University.

BROOKHAVEN DIVERS CLUB

The next meeting of the Brookhaven Divers Club will be held on Monday, July 24 at 8 p.m. in the Recreation Hall. All members planning to go to Block Island must attend this very important meeting.

A film will be shown. Visitors are welcome.

For further information, contact Jean Lauer, Ext. 2390.

TENNIS TOURNAY STARTS

The tournament will get under way this week. The playing schedule and regulations are posted in the Gymnasium. Contestants are requested to stop and check the postings to determine their opponents

LIVE MUSIC

The first of our Wednesday night live music dances was held last week and a good turnout indicated their interest in making this a weekly activity. The admission is low (50¢) the music is good (FRANK CAMPBELL) and the refreshments are cold! Everybody - on-site, off-site - is invited.

RECREATION BUILDING
9-12

**OPERATION GET-TOGETHER NO. 4
July 29, 1961, 1 p.m. Until!**

- Pony Rides — Covered Wagon
- Amusement Rides — Prizes
- Cartoons — Contests
- Music — Dancing
- Food — Beer

**ITYSY BITSY TEENY WEENY
YELLOW POLKA DOT BIKINI**

Is that what you're wearing? All right - so that's not your choice - but whatever type bathing suit you wear, enter the Bathing Beauty Contest to be held at the annual picnic on July 29. Time is running out - don't wait - enter now!

Fill out the application below and submit it to G. Sabine, Recreation, as soon as possible.

Application for Miss BNL 1961

Name of Applicant

Department

Sponsor (if any)

Title of Applicant

Signature of Applicant

Send Application to G. Sabine, Recreation

CLASSIFIED ADS

FOR SALE

1954 FORD CUSTOMLINE SEDAN - V8 with Fordomatic. Exceptionally fine cond. See it before you say \$375 is too high. Gene Rogers, Ext. 481, or SH 4-3945.

1953 HILLMAN MINX CONVERTIBLE - Red leather upholstery. One owner, low mileage. Needs some work. \$185. May be seen at Hawkins Garage, Station Road, Bellport. AT 6-0185.

1960 FORD FAIRLANE - 4 dr. Good cond. HR 3-2112 or 2015.

1949 DODGE - excell. cond. with five new tires. \$150. F. Mo., Ext. 540.

1953 MERCURY - available July 16-21. Owner leaving country. Fair cond. Ext. 607.

1960 MGA - white with black interior, wire wheels, fully equipped. YA 4-6140.

HOUSE - Old Field. Hand split shingles, 3 bedrms., 2 baths, lg. liv. rm., fireplace, full din. rm., extras. Large 2-car gar. with storage closets. Lg. rm. finished in pecky cypress with built-in bookcases and cabinets. 2 zone oil, hot water heat. \$33,500. SEtauket 6-1737.

HOUSE - E. Patchogue. 3 yr. old Calif. ranch. 3 bedrms., tile bath, wall oven in kitchen. Full basement studded. City gas and water. Alum. siding, storms, screens, jalousy doors. 80 x 100 ft. lot, rustic fence, corner. \$11,500. Whitey, Ext. 2179 or AT 6-9248.

HOUSE - 3 bedroom ranch with attached garage, finished recreation room, storm windows and doors, 1/4 acre, pleasant North Shore community. All schools nearby, low taxes. Ext. 563 or JU 4-6283.

2 BEDROOM CAPE COD - near water, cellar, expansion attic, city water, landscaped. Patchogue school district. \$10,000. Ext. 752 or GR 5-0043 after 6.

10 FT. SAIL SCOOTER - 45 sq. ft. red nylon sail. Everything in good to excell. cond. Can be seen in East Setauket on Coach Road. 100 yards south of 25A. Asking \$100. cash. R. Isler, Ext. 649, or XH 1-4696.

NIELSON TRAILER DOLLY - 2 wheel, leaf spring suspended, with spare tire. Unit in good cond., and will accept first reasonable offer. Ext. 2308.

BICYCLE - Girl's 26 in. Lightweight. \$12. Ext. 396.

ROOM CONDITIONER - 1 ton Fedders. Used one month. Ext. 318.

VENETIAN BLINDS - "given a way" - 50¢ each. K. Fuchel, Ext. 409.

ANSWER TO CHESS PROBLEM

- | | |
|---------|---------|
| WHITE | BLACK |
| 1. — | B to Q6 |
| | IF |
| 2. RxB | Q to B7 |
| | IF |
| 2. BxB | Q to K6 |
| | IF |
| 2. R-Q1 | Q to B7 |

the Bulletin Board

FOG

You might think we have enough fog around Long Island to let well enough alone, but the meteorologists have decided to add more. Shortly you will see some highly local fog rolling over a small area on the western part of the site, but you needn't call home to be sure the kids are not out in the boat. It will just be the beginning of a study of diffusion in and around forested areas.



We already know that a dense forest often has very little air motion within it, and we strongly suspect that it sometimes acts almost like a solid obstacle to the air flowing over it. In order to determine some features quantitatively, Meteorology will be dispersing oil fog, which is white, as well as a number of different colored tracer smokes in the area directly south of the Meteorology and Calibration Buildings. Unlike most such experiments conducted in past years, many of these tests will be held during the daylight hours, rather than in the late evening or early morning, so that they should be quite visible to the 8:30 - 5:00 population. Incidentally, most of the experimental area is oriented in such a way that the work will have to be done with either north or south winds, which will not take the material over the central portion of the site. The fogs are neither toxic nor offensive.

THE MOST HAPPY FELLA

Will be the one who takes his family to OPERATION GET-TOGETHER No. 4 on Saturday, July 29 from 1 p.m. until 9 p.m. No fuss - no muss - just a fun-filled, frolic for all ages.

Exhibition girls' softball game, famous personalities, rides, games, contests, refreshments, music - all for as little as \$1.50 for adults; \$.25 for children; infants free. Employees and their immediate families only.

Purchase your tickets immediately - none will be available after Friday, July 21.

Call BLANCHE LASKEE, Ext. 798 - volunteer your services to make this picnic the best yet!

LIQUID HYDROGEN EXPERIMENTS

A series of experiments on site is underway to study the properties of liquid hydrogen under certain conditions. The experiments are being conducted by a group from the Bureau of Mines of the U.S. Department of the Interior, under the direction of Dr. M.G. Zabetakis. Members of the BNL staff are providing assistance with various aspects of the project. The tests were begun last week and will continue throughout this week.

A BNL Special Hazards Committee, set up about four years ago, has been studying the hazards involved in the use of liquid hydrogen in high energy physics research. About one year ago the Committee suggested to the AEC that it sponsor a special research project into the matter. A number of other AEC contractors indicated interest in such a project, and a contract was subsequently let by the AEC to the Bureau of Mines.

Safety considerations have been an important part of the design equipment connected with the use of liquid hydrogen ever since it was first used in high energy physics research. In view of the increasing use of this substance, particularly in bubble chambers, it was considered desirable to learn more about its properties under various conditions.

Some of the experiments in the program are being conducted at BNL because of the availability of large quantities of liquid hydrogen here and the relative ease in setting up simulated experimental conditions.

There are two major aspects to the present series of experiments. One involves spilling various quantities of liquid hydrogen in a blockhouse, similar to those in which bubble chambers are set up. Samples will be taken at various locations within the blockhouse to determine the hydrogen-air mixture. The program will also involve igniting various mixtures for the purpose of measuring the maximum pressure and the rate of pressure rise after ignition. These experiments are being conducted in the vicinity of the old South Gate. All persons are cautioned to remain outside the experimental area, which is marked and patrolled by members of the Police Group.

In the other main part of the experiment, investigations will be made into what happens when a bubble chamber window breaks. For these experiments, a simulated bubble chamber, constructed by the Bureau of Mines, will be used. The experiments will be conducted in an area north of the liquifier facility near the Cosmotron.

SUMMER FILM SERIES

Thursday, July 20, 1961 - 8:30 p.m.
Lecture Hall (Total length 2 hrs)

DIABOLIQUE: Directed by Henri-Georges Clouzot with Simone Signoret. Vera Clouzot, Paul Meuresse and Charles Vanel.

Clouzot continues to stick one chilling pin after another into his audience, until, at the climax he lets loose with a barrage of terror that would make Edgar Allen Poe jealous.

Bosley Crowther of the New York Times said of the picture "...a pip of a murder thriller... writing and visual

construction are superb... by top notch French actors... highest level of sureness and finesse."

Recommended for adults only. The short subject is to be WAITING, 1954 Golden Reel Film Festival. A restless and sardonic color collage - a genuine and highly imaginative film experiment - deals with the anxieties and conflicts of the high-tension life of today. Voted "Best Film" on Cinema 16's 1954 "New Discoveries" program.

This important work brilliantly fuses live action and animation techniques to explore its curious theme of "waiting" from cradle to grave.



BERA

presents

Operation Get-Together



IN THE GOOD OLD SUMMER TIME . . . What comes to mind first - a picnic to be sure! Something the entire family (old and young) can share and enjoy without too much effort or expense - a day filled with fun, entertainment and good food - happy memories for all.

Let's go a little further - OPERATION GET-TOGETHER, the BERA*-sponsored annual picnic, combines all of the above ingredients plus MORE of everything you need to have a day long to be remembered and talked about.

This year the picnic, to be held Saturday, July 29, will run from 1 p.m. until 9 p.m. - one hour longer than in the past - to give you more for your money and we do mean MORE!

The admission is \$1.50 each for adults; \$.25 for children; infants free. The picnic is for employees and their immediate families only (persons residing in employee's household). This price, of course, could not possibly cover the expenses involved. (Have you tried to feed a family recently?) BERA absorbs all expenses above the money raised by admissions.

Have you purchased your tickets yet? He who hesitates is lost. Ticket sales end July 22 - no tickets will be available after this date. Vacationers take note - purchase your tickets now. Ticket sellers are in every department.

What's in store for young and old on July 29? Pony Rides - Covered Wagon - Amusement Rides - Prizes - Cartoons - Music - Bathing Beauty Contest - Crazy Painting Contest - Beatnik Contest - Group Singing Contest - Miscellaneous Contests - Dancing - Magic Show - Carvel - Cotton Candy - Food - Beer - Famous Personalities - and Miss Rheingold!

The gym will be open for volley ball, basketball and table tennis, and there will be a sprinkler area for the small fry.

It's still not too late to volunteer for duty. To successfully hold an affair of this magnitude, much help is needed, Call BLANCHE LASKEE, Ext. 1110 or volunteer your services.

*Brookhaven Employees' Recreation Association - BY the employees, FOR the employees, and OF the employees.