

# the Bulletin Board

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## 1961 PEGRAM LECTURES



Professor Charles Alfred Coulson

### NINTH BROOKHAVEN LECTURE

By G.I. MILLER  
INSTRUMENTATION DIVISION

Title:  
SEMICONDUCTOR RADIATION DETECTORS  
Lecture Hall: 8:00 P.M., Wed., Sept. 27

A buffet supper (\$2.75) will be served at the Brookhaven Center before the lecture, beginning at 6:00 p.m. Reservations should be made at least one day in advance, by calling Extension 2302 before 5:00 p.m. or Extension 2453 in the evenings.

Refreshments will be available in the Research Staff Lobby following the lecture.

### VISITORS TO BNL

The Radiation Study Section of the National Institute of Health will be on site for meetings September 27 through September 29. Attending will be about 20 outstanding scientists from all over the country including Dr. Harvey M. Patt, Chairman of the Section. The purpose of the meetings are to review applications for grants in the field of radiation studies.

This year, the George B. Pegram Lectures will be delivered by Professor Charles Alfred Coulson, F.R.S., who is Professor of Applied Mathematics at Oxford University. He will give four lectures in the Theater on October 2, 3, 5, and 6, on the general subject "The Scientist and Society".

In the first lecture, entitled "Rates of Change in Society", Dr. Coulson will discuss the new pattern in the rate of change of society which has been set by modern science and technology, as well as the responsibility which the scientist has for informing the community and preparing it for further change.

The second lecture is entitled "Science and Politics" and will deal with their changing relationships and with the new tensions imposed on the scientist by virtue of his political power.

In the third lecture, entitled "Science and Philosophy", the new modes of thinking brought about by scientific developments, and the role of doubt and certainty in modern scientific thought will be examined.

The final lecture is entitled "Science and Human Responsibility", and here the speaker will seek to formulate possible answers to the question "Where does the ultimate basis of responsibility in science lie?"

Professor Coulson received his training in theoretical chemistry at Cambridge University and taught Mathematics, Physics, and Chemistry at the University of St. Andrews (Dundee), at Oxford, and at the University of London. He has been Professor of Applied Mathematics at Oxford since 1952. His scientific contributions have been largely in the application of quantum mechanics to molecular structure. By using the so-called molecular-orbital approach he has been able to elucidate the nature of chemical bonds in many types of molecules.

Professor Coulson is not only an eminent theoretical chemist and applied mathematician, but he has also won fame for his lectures and writings on the interrelation between science and other areas of culture. In particular, being a deeply religious man, he has naturally concerned himself with the question "Are scientific inquiry and religious belief compatible?", and his answer is an emphatic "yes". He has, in fact, very strong convictions on the relationship between science and religion and has written and lectured extensively on this subject. The most complete published exposition of his views is contained in his books "Science and Christian Belief" (1955) and "Science, Technology, and the Christian" (1960). These and other publications by Professor Coulson are available for examination on a special shelf in the Research Library.

Tickets for the Pegram Lectures have been in heavy demand. If you have not already secured tickets for yourself, your family, and your friends, you may still request them from the Pegram Lectureship Committee, 40 Brookhaven Avenue on the form recently sent to all employees.

### MARK YOUR CALENDAR

Sept. 28, 1904 — Police in New York City arrested a woman on Fifth Avenue for smoking a cigarette.

Sept. 28, 1920 — Baseball's biggest scandal broke. A grand jury in Chicago indicted eight players of the Chicago

White Sox for "throwing" the 1919 World Series games between their team and the Cincinnati Reds.

Oct. 2, 1961 — The beginning of National Barefoot Freedom Week. Purpose: "To exploit barefoot freedom — especially for women."



**BERA FILM SERIES**

BALLAD OF A SOLDIER  
AND

WEEGEE'S NEW YORK

**September 28 - Lecture Hall - 8:30 p.m.**

We are happy to announce that we have been able to reschedule the above program which was cancelled last week because of the weather.

**BALLAD OF A SOLDIER**

For those who remember the peak of the Soviet film in the classic works of Eisenstein, Pudovkin, Dovzhenko and the epic photography of Tisse, a pleasant surprise awaits in Ballad of a Soldier. A new director, Grigori Chukhroi has reverted to the dynamic methods of his predecessors and brought forth what might well be a milestone in the revival of Soviet cinema. Far from being the dreary, propaganda-loaded type of film that has characterized all too many of the post-war efforts, Ballad of a Soldier is one of the finest European films of recent years. American critics have been almost unanimous in their praise.

**Weegee's New York**

Weegee, the fabulous press photographer and master of the candid camera creates a vivid impression of the life and the tempo of the metropolis, combining documentary and experimental techniques.

Single admission \$1.00. Ten (10) series tickets may be bought at show time at the Lecture Hall.

**GYM CLOSED EVENINGS**

The gymnasium will remain closed for evening activities until after Visitors' Days. The Fall activity schedule will be announced shortly and will go into effect November 6th.

**BASKETBALL**

While it might seem far off - it is not too early to think about basketball. Are you going to play? Is your department or group going to have a team this year in the BNL League? Organization meeting and league preparations will begin in October.

**ANSWER TO CHESS PROBLEM**

- |                 |              |
|-----------------|--------------|
| <b>WHITE</b>    | <b>BLACK</b> |
| 1. ....         | N/6- K5      |
| 2. PxN or NxN   | Q-K8 mate    |
| 3. P-N3 or P-R3 | NxN          |

Enjoy yourself! These are the good old days you're going to miss in 1981!

**BOWLING LINE-UP 1961-62**

The pins will start flying this week as our 40 BNL teams start their efforts to capture the 1961-62 Championship. Each team will bowl three games a night once a week from now until sometime in April. Here's the way they line up:



"WE'VE LOST 27 GAMES IN A ROW. ANY OTHER SPONSOR WOULD BE GETTING PRETTY DISGUSTED WITH US BY NOW!"

PORT JEFFERSON			PATCHOGUE RECREATION	
TUES.	WED.	LADIES TUES.	MON.	WED.
<b>RED LEAGUE</b>	<b>BLUE LEAGUE</b>	<b>PINK LEAGUE</b>	<b>GREEN LEAGUE</b>	<b>PURPLE LEAGUE</b>
1. Biology	1. Bubble Finks	1. All Thumbs	1. Blackbirds	1. Toppers
2. Down Unders	2. Nuclides	2. P.R.L.	2. Gnats	2. Hopefuls
3. Ah Sos	3. Needlers	3. Twinkletoes	3. Electronics	3. Phoubars
4. H. Pins	4. Techs	4. Nightingales	4. Old Timers No. 1	4. Scotchies
5. Mecca	5. Sleepers	5. Question Marks	5. Old Timers No. 2	5. Fiscal
6. H.P. Outs	6. Bubble Boys	6. Dipions	6. Old Timers No. 3	6. Woodbutchers
7. Bugs	7. Alleygators		7. Reefers	7. Bowl Aids
8. Cosmos	8. Splitters		8. Fire Dept.	8. Designers
	9. Skins			
	10. Leftovers			
Sec. N. Rigopoulos Rep. A. Tranis	Sec. D. Stelmaschuk Rep. J. Weiss	Sec. V. Austin Rep. G. Searles	Sec. J. Scandizzo Rep. J. Kampe	Sec. W. Johnson Rep. W. Milian

**HELP** - The Ladies Bowling League still has some teams that are looking for gals to join the fun at Port Jefferson on Tuesday evenings at 6:00 p.m. Beginners are more than welcome. It's only a few hours - once a week. Call V. Austin Ext. 697 or G. Sabine Ext. 391.

## CLASSIFIED ADS

## FOR SALE

1960 MG 1600 - very good condition. 12,000 miles. Asking \$1,500. Ext. 516.

1960 VOLKSWAGEN - tan, radio, gas gauge, white walls, DeLux, 14,000 miles. \$1300. AT 9-1550. Call after 5 p.m.

1956 RAMBLER - r&h, new tires. \$550. Very good cond. Owner leaving lab. Available Sept. 27. E. Crevecoeur, Ext. 607.

1954 FORD - V-8 standard shift, new tires. \$150. Ext. 2432.

1951 CHEV - in very good condition. New tires, brakes, clutch, battery, seat covers and door panels. \$157. Sandy Wagner, Ext. 618.

1960 CHEV. IMPALA - ivory & black, P. Glide, r&h, w.w., gd. cond. Ext. 481, Joe, GR 5-4383, evenings.

1958 MOTOR SCOOTER - "Progress" \$175. HR 3-1094.

1955 FORD - Fairlane V-8. 2 T/Green, very clean, 38,000 miles. \$500 Firm. Paul G. Kelly, GR 5-3516.

1954 FORD - standard shift, V-8, 2 new tires. \$295. Ext. 2180.

1955 PLYMOUTH - 6 cyl., standard shift, four door, good running automobile. \$325. SE 2-3338 after 6 p.m. A. Russo.

1958 PONTIAC SEDAN - 4 dr., pr. steering. Auto. trans., r&h, gd. tires. Ex. cond. \$1,000. B. Manowitz, Ext. 377.

1955 CHEV - pr. glide, r&h, \$350. Ext. 2389 between 12:00 and 12:30 p.m.

1958 TR 3 - green, luggage rack, r&h, belts, Tonneau covers, \$1200. SH 4-2405.

HOUSE - 3 bedroom ranch, 1/2 acre wooded lot in Sayville, w to w carpeting, dishwasher, storm~~s~~ and screens, price without agent \$15,000. LT 9-5642.

HOUSE - 2 story Dutch Colonial, 2 years old, 3 bedrooms, den, 1 1/2 baths, comb. storms & screens, att. gar. Park Hill section. \$16,500. SElden 2-3472. Schneider, Ext. 692.

ROWBOAT - 10 ft. plywood, homemade. Very strong, all brass screws, plus 2 1/2 h.p. motor. \$50. E. Mignani. WA 9-4434.

26 FT. WHALE BOAT - cabin, 2 bunks, compass, pulpit, harpoon line & keg, life jackets, R.D.F., 4 in. squat bds. New 4 cyl. Buda Diesel uses 1 gal. fuel/hr., new 18 in. prop., big 4 wheel trailer. \$1600. Sonny. Ext. 2154 or PA 7-4925.

18 FT. BOAT - 2 bunks, life jackets, navy top, head, 1960 75 h.p. Johnson and controls plus trailer. \$1500. Sonny. Ext. 2154 or PA 7-4925.

NEW C.B. SLOOP - 13 ft. Fast & Able & Day mahogany strip built edge glued & fastened & fiberglassed. Sitka spars. Dacron sails. S.S. Rigging. Dacron running rigging. Roller reefing. Built in floatation. Designed & built for Great Peconic Bay. \$875. Ext. 596 or MA 9-4985.

CABIN CRUISER - Sportfisherman, 34x11x3.5 ft. Galley, dinette, stand up head, sleeps 4 on foam rubber, 40 gal. water supply, 60 gallons gas. 145 h.p., Chris Craft, 1.5x1 reduction,

new manifold, outriggers fighting chairs, new cockpit cover. Electric water supply and bilge pump. Perfect family boat. Must sell this month. \$2500. H. Vanderoef, Ext. 392 or WA 9-4151.

14 FT. SAILBOAT - 4 ft. beam, full flat deck, daggerboard, Marconi rigged with jib. J. Daane, Ext. 779.

24 FT. SAILBOAT - ready to go with extras such as spare sails, storm sail, spinacker, 7 1/2 h.p. outboard motor and running lights. Price \$850. Can be seen in Carman's River, Brookhaven. Call GR 5-0732 or Ext. 2430.

JUDSON VOLKSWAGEN SUPERCHARGER - like new condition, complete with all linkages & installation instructions. Greatly increases passing & hill climbing performance in top gear. \$60. Gene Rogers, Ext. 481 or SH 4-3945.

SIGNED ORIGINAL PRINTS - in pickled chestnut frames by Knoedler Gallery in New York, \$35. ea. 1. Woodcut of semi-abstract horses by Danny. 2. Etching "Cat" by Ponce deLeon. Bob Baldwin, Ext. 2459.

PUP - Min. French Poodle. AKC registered. EM 3-6214 after 5 p.m.

PUPS - AKC registered Airedale Terrier. SH 4-3052.

DISH WASHER - Kitchen-Aid under counter. Washes dishes well if burned motor is replaced. Call Ext. 697.

WALL MIRROR - 16x28 in. graceful Mahogany frame. Over all size 18x30 in. AT 6-1214.

BOX SPRING - twin size. Clean. AT 6-1214.

20 FT. CABIN CRUISER - Trojan outboard, 1959, 50 h.p. Evinrude elec. start. w. gen. and batt. Built-in sink, ice box, toilet, bilge pump, 20 gal. fr. water tank, 2 foam rubber bunks, 3 extra gas tanks, life preservers, 2 props, anchors, compass, navy top, 23 mph. Excell. family boat. Purchased in Oct. 1959, \$3400, now asking \$2295. Ross Meyer, Ext. 481, or LT 9-5757.

WESTINGHOUSE LAUNDROMAT - in good cond. \$50. Darrah Thomas, Ext. 2125 or AT 4-6289.

HALLICRAFTER - Mod. 5-107 amateur receiver. 4 s/w bands plus std. broadcast. AM/CW switch, sensitivity, phono control, noise limiter, tone switch, slide rule main tuning and band spread dials, phono jack, headphone jacks. Like new, hardly used. Orig. cost \$95. Make offer, LB, Ext. 591.

MAPLE BEDROOM SET - incl. dresser, chest, full size bed, spring & mattress, \$30. Two full size maple poster beds and springs, \$10 each. AT 9-1741.

SAVAGE MODEL 340 RIFLE - Cal. 30-30 excell. cond. Savage Model 340-B, Rifle Cal. 222 Rem. Very good cond., with Weaver scope mounts. P. Buhl, Ext. 354.

1958 EVINRUDE OUTBOARD MOTOR - 18 h.p. Used 1 1/2 seasons, also variable pitch propeller goes with it. Excell. shape, Ext. 2255, ask for Tut after 4:00 p.m. \$225. firm.

ROLL-AWAY BED - almost new, single. 31x72 in. Used only twice, very comfortable. \$15. AT 4-0291.

MATTRESS - Sealy Posturepedic, and matching spring. Reasonable. AT 9-0687.

MATTRESS - Simmons Innerspring and coil spring. Twin bed size. Good condition, reasonable. GR 5-5894.

REFRIGERATOR - Westinghouse. Old but runs well, \$25. Twin baby carriage by Thayer, v.g. cond., \$25. Ladies winter grey coat, Lassie Jr., size 13, worn 6 times. Winter maternity clothes, size 16, 5 pieces, excell. cond. Infants reclining chair, car bed, baby tub, folding wooden training chair, all v.g. cond. \$10 takes all or \$2.50 each. AT 6-0408 or Ext. 2543.

## WANTED

Pair of 670x15 snow tires. J. Smolski, Ext. 651.

Homes for two, male, 9 week old kittens, one grey, one black. Vise, Ext. 467, or AT 6-0583.

"Baby Sitting jobs", Center Moriches. AT-4-0599.

Reward for books by Edgar Wallace and Sax Rohmer, Ext. 353.

Automatic clothes dryer, good cond., reasonable. H. Brown, Ext. 790 or AT 6-9257.

Baby sitter for pay or exchange sitting on site. Ext. 712.

## LOST

Black wallet. If found, call Joe Bauernfeind, Ext. 772.

## FOR RENT

3 bedroom ranch house in South Country Shores, E. Patchogue, available next month. Call GR 5-0732 or Ext. 2430.

## CAR POOLS

Fifth driver wanted to complete existing car pool from Sayville-West Sayville. J. Daane, Ext. 779.

Want to form or join a car pool to Hofstra college on Tuesday and Thursday nights. First class is 6:15. Would prefer North Shore - Port Jefferson or Smithtown area. Max Hilgemeier. Ext. 2531.

Car pool desires other driver from vicinity of Maple Avenue Shopping Center or Rt. 111 - Smithtown Bypass. Bob Doering, Ext. 779.

Steady ride wanted from and to lab. on Friday evenings and Monday morning - Hempstead area. Rosemary Marciello, Ext. 2259.

Driver wanted for existing car pool from McDonald Ave., Bellport area. Ames, Ext. 2493 or J. Ridgeway, Ext. 2144.

Ride or riders to Farmingdale on Wednesday evenings. L. Miller, Ext. 2543.

Wanted dependable driver from Patchogue area. Call C. Wagner, Ext. 2392.

Want to join car pool (ride only) corner Highland and Park Avenue, Patchogue near Blue Point Line. On vacation now; need ride beginning Monday, October 2. GRover 5-8768.

Live Rockville Center area. Would like to join car pool. RO 6-8585 nites.

Forming car pool to and from Hofstra College Monday and Wednesday evenings. B. Brown Ext. 455 or G. Raynor Ext. 458.