



ACADEMIC PROCESSION FOR CENTENNIAL CONVOCATION



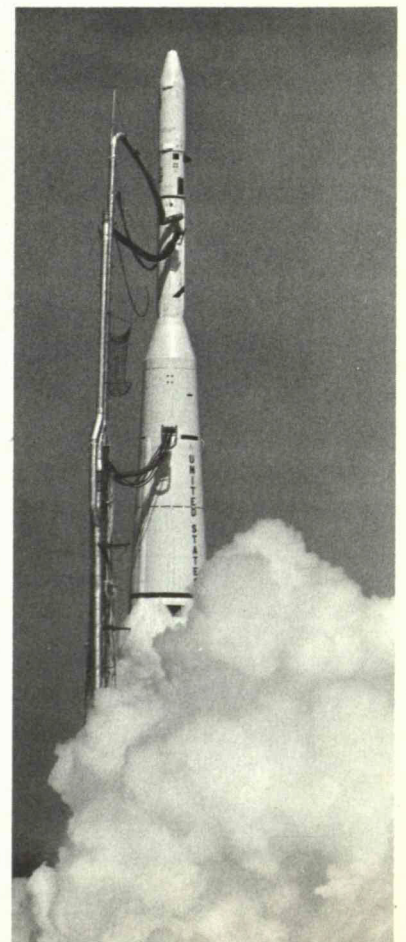
The conferees met in Kresge for an official photo. Between shots, chatting:
 First Row (left to right), Dr. Wiesner, Dr. Killian, President Stratton; Second Row,
 E. E. Hagen, Prof. Cohen, Prof. M.S. Thacker; Third Row, Prof. P. M.S. Blackett, Prof.
 Smullin, Prof. N. Ramsay, Prof. I. de Sola Pool, Prof. A. Korol, Profs. E. Skolnikoff,
 W. Gentner



Dr. Killian addressed the Convocation assembly in the Cage . . .



. . . where the drapes were hemmed high up in the rigging



Aloft with an MIT meter (see right)

BLOOD DRIVE 1961

The collection of 581 pints of blood in the recent four-day drive at Kresge Auditorium may sound adequate. But the MIT demand far exceeds this supply. In the past nine months, 84 of us in Cambridge or members of our families have drawn 223 pints from the Blood Bank. Seventeen of these individuals may need further supplies, and new calls will be filled before the end of the year on July 1.

The Red Cross complimented MIT's Blood Drive Committee this year on its smooth scheduling of appointments. But the response was lower than last year's.

Among those who gave were some new faces -- as well as the old reliables, some of whom are on their second and third gallons. One-hundred and twelve others showed up at the Blood-mobile, but their blood could not be taken that day, and others were unable to give because of age restrictions and sound medical reasons. (Protective standards of the Red Cross are so high that even some donors who give regularly at hospitals are ruled out. A willing prospect can be sure he won't be permitted to donate unless it is safe for him.)

With due credit to those who gave, the fact remains that we on the Institute's payroll gave only 276 of those 581 pints. More than half the blood in the Bank is given by students. Over four-fifths of recent requests for blood have been from non-students. And in some years, possibly this, we are not even covering our own demands, let alone building up a comfortable reserve for ourselves and the many others whom the Red Cross helps.

By way of a second chance, the Institute is considering holding another blood drive here this year. It would entail expense and complications for both us and the Red Cross. But the inconvenience would be worthwhile. The next opportunity to donate will be announced to the Institute and in Tech Talk as well.

At Lincoln their two-day blood drive netted 206 pints from perhaps 1,300 people actually working in Lexington. These are banked separately by the Lexington Chapter of the Red Cross, through which Lab personnel and their families can obtain blood when they need it.

JOBS BEFORE JUNE

One of the most satisfactory sources of people for job openings at MIT, according to the Personnel Office, is friends of those who work here.

Right now that office wants to pass the word that there are some full-time openings -- for a technical typist, someone with a flair for bookkeeping, senior clerks and secretaries with with varying degrees of experience.

If anyone knows a likely candidate who will be job-hunting soon, you can point out the advantage of starting work and avoiding the June rush.

FOR SOLAR WINDS AND GAMMA RAYS

While the yo-yo satellite and Russia's Little Star made news this month, an MIT production was also carried aloft. An instrument to detect and measure interplanetary plasma was launched from Canaveral in a NASA deep space probe.

The unit, designed and assembled in the Lab for Nuclear Science, is taking measurements of the magnetic fields that surround our earth and moon. The streams of varying energy within the plasma are known as "solar wind." Information will be combined with measurements taken from a magnetometer. Data is expected to aid in weather prediction, communications and space travel. It may even furnish clues to the origin of the cosmos.

Scheduled to follow into orbit: a gamma ray telescope conceived and designed by Dr. George W. Clark and Dr. William L. Kraushaar of LNS. The telescope is contained in a slim, tube-like "S-15" satellite. It does not "see" the rays, as in the sense of an ordinary telescope, but records their impact on an instrument.

FOR SALE ETC.

E flat alto sax, exc cond. Frank Coolidge, Ext. 3449.

Wooden airplane propeller, 7'2", suitable for den, mantle or PT17 plane, \$35. VO2-0312.

Radio gear, HQ100, tecraft 2m converter, TBS-500, power supply. MI8-2476.

Castro convertibles, twin bed units, orig \$298.50, will sacrifice for \$50. Also RCA 115 volt, 7 1/2 amp., 3/4 ton air cond, exc cond, \$100. Charles Ward, VO2-8137.

Oil tank, 275 gal, with enough 2" pipe for fitting and installation, 100 gal oil, \$50, will deliver. Moran, Ext. 2625.

Dynakit amp, dual 35 watt stereo or 70 watt monaural. Also Scott 130 preamp; Scott 3300 AM/FM stereo tuner. Arnold Jacobson, UN4-9190 (evgs).

Motor bikes: All-State moped, \$75; Velo Solex, \$110. Ext. 83-2817.

Alum 12' runabout with windshield, steering, etc., trailer, Johnson 5 hp motor, reasonable. VO2-7204 (evgs, weekends).

Lady's American bicycle, running cond, \$12. Also Granco FM radio, \$15; Emerson port 8 transistor, \$23; new port AM short wave radio, \$35. CO7-1307 (5-7 p.m.)

'55 Frigidaire deep freeze, 14 cu. ft. chest-type, exc cond, \$90 or best offer. Ext. 7331 (Lincoln) or CE7-9282 (evgs).

Webcor hi-fi tape recorder, 4 yrs old, orig \$225, asking \$100. Lorri Sawyer, Ext. 2671 or WA4-2821 (evgs).

Typewriter, 8 1/4 lbs., 10 3/4 x 10 3/4 x 2 3/4 in, full keyboard, barely used, Swiss made, \$50, will haggle. CE5-1350.

8 ft. Downfield silk brocatell 2-cushion divan, exc cond, \$25. RE4-2836.

Vespa '54 scooter, windshield, ww's, etc., good cond, \$175. ST2-5525.

Woman's blue Schwinn bicycle, good cond. B. Lunde, KI7-8485.

Will buy new European car for guaranteed buyer this summer. TR6-0971 (evgs).

Elgin 7 1/2 hp outboard motor, 5 yrs old, never used (owner in service), 3 life preserver cushions, one 20 lb., Kedge type anchor, \$100. Armitstad, Ext. 2461.

Water hting unit, oil fired, auto, new, ideal for camp, \$15. W. Berry, Ext. 2777.

Two mono preamps, Dynakits, can be used for stereo com, exc cond, cost \$34.95 each, sell for \$45 both. Tony, Ext. 5379 (Lincoln).

Hi Liner 16 ft. runabout, 40 hp Mercury Dexter tilt-bed trailer comp equipped, loaded with extras, \$1,700. Fred, Ext. 3988 or VO2-4399 (evgs).

Dewalt radial saw, like new, \$165. IV4-1193.

AR 1-W spkr, \$99. Alan Lazarus, Ext. 4284.

New, large, well-built wooden play pen, best offer, UN8-7684.

Gould pump, 1/2 hp, comp with pressure gauge and switch, \$30. Bromaghin, Ext. 7441 (Linc).

Scott FM tuner, \$60. J. Dumanian, Ext. 272 (Lincoln).

'60 Encyclopedia Americana plus Book of Knowledge, \$100 below list, all in mint cond. E. Williams, Ext. 528 or LA7-0974 (evgs).

K set, maple, 4 chrs, red Naugahyde seats, good cond, \$20. R. Dubois, Ext. 4441 or IV4-5690 (evgs).

Menges 12' boat with 10 hp Scott outboard, mahog plywood, remote controls, few hours on engine. \$250. Ext. 4493.

Golden Retrievers, avail about May 6, male and female; thorobred, but without papers. Males, \$35; females, \$25. Ext. 669.

Walnut veneer desk, top 30 x 50, 7 lg drawers, good cond with chair, \$30, will deliver. D. Carroll, Ext. 4934 or TR6-2264.

Barrecrafters ski rack, like new, adapted for use on Austin-Healey Sprite, will convert back for sports cars with trunks if desired. Cost \$26, will sell for \$12. Larry, Ext. 2140.

Sailboat, sturdy, family-type knockabout, 20', sound cond, needs Spring overhaul, trailer, new sails, \$300. May be seen on Cape Cod. Anita Bridgeman, Ext. 3429.

Kittens. Nancy Young, Ext. 714.

Round, Rock Maple D'ette set, Colonial, 4 mate's chairs, 6 mos old. Also Hollywood bed, Englander mattress, hdboard, exc cond. Nancy, Ext. 4212 or CO6-1143 (after 6 p.m.)

Hallcrafters S20 R receiver, 0.5-30 mc, \$15. Also Realistic AF12 amp, Solo I spkr, \$30; Lecce-Neville alternator, 6-12v, 100 amps, \$25; Heathkit grid dip meter GD-1a, \$10; '57 41 x 8' Elcar house trailer, \$1,900; '59 Chev Bl, 40r, Bsy, 250 hp, \$1,700. Bill Linko, Ext. 3980.

Webcor 3-spd record chgr, diamondneedle, Magic Wind, pre-amp, less than 1/2 price. EL4-6107.

Gonset 6 meter communicator, 8 wts output, used under 50 hrs, like new, orig box, Malcolm Kasparian, Ext. 3537 or CEnter 3-5728.

Voightlander Vitamatic 2, f 2.8, 35 mm camera, coupled lightmeter, rangefinder, Kaligar wide angle and telephoto lenses, Voightlander Proximar attachments, cases for all. \$80. White, Ext. 4834.

Two doz each: hand towels, wash cloths, bath towels, 4 bath mats, white, plus W initial. Walpole Bros., best quality, new, in orig boxes. Cost \$144, asking \$75. HA6-1885.

Revere magnetic tape recorder, model T1100, new '55, never used, comp \$85. A. W. Burke, Ext. 4481.

Heathkit 12 wt, hi-fi amp and preamp. Ext. 677 or ST2-4783.

'55 Kenmore auto washer, as is, best offer. MI3-0758.

'50 Chevy, 6 cyl, std shift, exc tires, R&H, turn sigs, good bat, new brake linings, new plugs, needs valve job, 1 hdlight. \$50 or best offer. D. Hall, Ext. 4814 or HI5-7523.

'50 Pontiac, R&H, \$60. Jim Mahoney, Ext. 2453.

'51 2-dr Chevy, best offer. Dores, Ext. 3449.

'52 Chevy conv, new engine, \$200 or best offer. Mrs. Nowlan, Ext. 572 or WE5-0517 (evgs).

'53 Olds 4-dr sedan, auto trans, power steering, p brakes, R&H, clean, good mech cond, \$275. Bill, Ext. 3222 or TR6-9569 (evgs).

'54 Chevy, \$200. Anita Heider, HU2-1333 (1-5 p.m.).

'57 VW from now until July 1, blk, sunroof, exc cond, 40,000 mi, \$1,000. Ext. 577 or LO6-4161 (evgs), Mr. Lengyel.

'57 Renault Dauphine, 22, 500 mi, \$250. John Smith, EL4-7523.

'57 TR-3, white, 37,000 mi, overdrive, wire wheels, other extras, always garaged. \$1,250. Ext. 2420 or ROger8-6465, Essex.

'58 Porsche speedster, good cond, engine with 25,000 mi sell for \$400 under book value. UN4-8680 (after 9 p.m.)

'59 Austin Healy Sprite, must sell for best offer. Dave, Ext. 83404 or KI7-3924 (evgs).

'59 Vespa, 150 cc scooter, with new windshield, asking \$300. TW3-1850.

'59 Renault Dauphine, good cond, 35-40 mpg, coral red. WA4-8457 (evgs).

'59 Porsche coupe, silver, 12,000 mi, best offer. Ken Button, Ext. 7875 (Lincoln) or VO2-2386.

'59 Sprite with extras, 9,500 mi, compares with dealers \$1,500 cars. Asking \$1,350. Ext. 3426.

'59 Borgward sports coupe, blk-ivory, exc cond, best offer. J. Stickler, Ext. 342 (Lincoln)

Sublet June 1, 2 rms, unfurn in Back Bay, Gainsboro, near Symphony, \$90/mo. Nancy, Ext. 4212 or CO6-1143 (after 6 p.m.)

Apt furn sub lease renewable in Sept, avail May 1 or Jun 1 near Hvd Sq, LR, BR, K, B, 4 closets. \$120/mo. IV4-9195 (evgs).

Spacious 4-rm 1st flr apt, washer, 10 min walk frm Hvd Sq, block from shopping, sublet Jun-Aug, 3 or 4, furn, extendable, \$150/mo. Miss Redhead, Ext. 3896 or TR6-0795 (evgs).

Apt Charles St., Beacon Hill, 2 BRs, LR, K, B, sleeps 4, avail May 1, \$180/mo, newly furn, Ext. 3867 or CA7-1959.

Unfurn 2BR luxury apt, Broadway near Hvd Sq, porch, mod K, play area pking, sub Mayl-Aug 31, renewable, \$150/mo. D. Carroll, Ext. 4934 or TR6-2264.

Back Bay apts, BR, LR, DR, K, unfurn, remodeled, \$90. Also 2 BRs, LR, DR, K, remodeled. K. Shaw, 447 Marlboro.

2 rms, 1 lg, 1 small w sink, furn, community K (not crowded) avail Jun or earlier, near Hvd Sq. David Freifelder, Ext. 727.

Summer sub furn Back Bay apt, 1 rm comb, tile B, suit for 2 people, \$80 /mo. Shaffner, Ext. 629.

3 BR ranch, priv beach, avail July, Aug or season, Monadnock Mt. area. N.H. CE5-6584.

Provincetown, Commercial St., 2 houses: 6 rms, 2 stories; 12 rms, 3 stories, 3 sep apts. Priv entrances, lg yd, charming opportunity. TR6-8556 (before 10:30 a.m.)

Avail for summer rental, 4 BR home, Winchester, walking dist ctr of town. Ext. 3313.

Lexington rental, unfurn 6-rm single with garage, conv to trans, school, shopping, exc neighborhood, utlis incl, \$175/mo, avail April 15 for 3 mos, maybe longer. VO2-3018.

West Newton Hill. Lg Victorian house in choice location. 4rms, B, lg K down, 4 BRs, plus income apt with priv ent on second, full third. Sheridan, Ext. 2228.

8-rm house, Arlington near Mystic Lake, fp LR, dishwasher K. DR, 3 BRs, den, study, landscaped lot. MI8-4538.

Lexington split level. Non-thru st near Rts. 2, 4-25, 3 BRs, 1 1/2 B, LR-DR "L" with corner fp, K, wall oven, counter top range, small den or TV area, semi-finished playrm, G, avail mid June. Lower 20's. VO2-7086 or Ext. 5319 (Lincoln).

Wanted: to rent house or apt, Sept '61-Aug '62 for visiting prof, wife, 3 children, near elem school, commuting dist to MIT, minimum 2 BRs. Donald Walker, 5210 Hulsache, Bellaire 101, Texas.

Girl to share lg Beacon Hill apt overlooking Louisburg Sq with 3 other girls, July and Aug. (possible re-lease), \$56/mo. CA7-4157 (after 6 p.m.)

Wanted: used English style bicycle. John Sullivan, Ext. 7317 (Lincoln).

Wanted: audio preamp, H.H. Scott model 121-C or McIntosh Model C-8 or C-8P. C. Locke, Ext. 7350 (Lincoln).

Wanted: 2 roommates to share 4 rm apt summer term, 469 Beacon close to Mass. Ave. + turn K. stereo with AR-3's, car for weekends, \$40/mo. John Welch, Ext. 619 or CO7-5931.

Wanted: communications receiver. John Hudson, Ext. 7521 (Lincoln).

Wanted: car radio for VW, AM or AM/FM. D.C. MacLellan, Ext. 5307 (Lincoln).

Sick, sick, sick of commuting -- MIT couple want apt in priv home or small apt house, Jun-July for 3 yrs, Camb or Back Bay, furn or not, \$100/mo. Iayne, Ext. 2587.

Wanted: '50-'54 car with std shift, top mech cond. CY8-6508 (evgs).

Wanted: girl's bike, slim tires and gears. Mrs. Kratsinger, Ext. 3633.

Girl to share apt with 1 other girl for June or longer, apt newly decorated, own BR, on Beacon Hill across from Boat Club. CA7-5953 (after 5:30).

Wanted: used bicycle. Ghosh, KI7-6025 (evgs).

Wanted: baby crib in good cond. Dom, Ext. 2333.

Want new car from Europe? Will pay half shipping charges and some mileage in exchange for no more than 3-4000 mi use in Europe. David Freifelder, Ext. 727.

Wanted: child's tricycle, car or tractor and doll's carriage. ST2-1196.

Wanted: 3rd girl to share apt on Commonwealth Ave. Ext. 3344 or KE6-7184.

Female college grad to share firm apt near Hvd Sq with 1 other girl, own BR, \$60/mo. Ext. 5426 (Lincoln) or EL4-0161 (evgs).

Wanted: housing for fam of 4, June '61-June '62, pref suburban. C. L. Brown, School of Mech Eng., Purdue University, Lafayette, Ind.

Wanted: 2 or 3 BR furn house for acad yr '61-'62 up to \$175/mo. Prof. A. H. El-Abiad, School of EE, Purdue University, Lafayette, Indiana.

Found: lady's watch in Great Court, week of April 3. Grant, Bexley Hall, TR6-7742.

Maud Agnault Linde, editor of Tech Talk for nearly two years, has found it necessary to resign because of illness in her family. Publication of Tech Talk must therefore be suspended. It is requested that no ads be submitted until further notice.