

SUMMER SCHOOL SUMS

The Institute's regular summer school term, underway since June 17, has an enrollment of 1806 students this year. Registration includes 481 undergrads and 1325 graduate students. Most popular courses: engineering (63%) and science (25%).

Special Summer Programs, in their 13th year of operation, are for experienced professional people who want to review latest developments in a variety of fields. More than 1500 men and women (average age: 35) will register for 26 one and two-week courses. Roughly 60% of the group are from industry, 30% from government and 10% from education. Five per cent are from foreign countries. Females comprise only 2% of the roster. A course in "The Molecular Designing of Materials and Devices" (Prof. Von Hippel) will play host to six foreign lecturers in two weeks.

INSIDE U.S.S.R. ...

... for almost six months this year was Mrs. Irma Johnson, MIT's Reference Librarian. From January to June she was a guide with "Technical Books, U.S.A.," a U.S. Information Agency exhibit of 7,000 American books and reference materials shown on a three-city tour of the Soviet Union.

She was one of eighteen Russian-speaking Americans of different professions who accompanied the exhibit. Mrs. Johnson, among several librarians, was selected for her knowledge of technical books. She had studied Russian at M. I. T., and brushed up with private lessons before the trip. The group flew to snow-laden Moscow on January 9. They had donned their boots and fur hats in Vienna. The exhibit was set up first in the Polytechnic Museum of Moscow, and, recalls Mrs. Johnson, Russian workmen assigned to help were impressed to see Americans working alongside them, doing heavy jobs, too. The collection occupied some 8,000 square feet of exhibit space. Books were arranged in topical sections and each section was introduced by a large topical picture. Over the physics books was a photo of a class in MIT's Compton Lecture Hall.

Guides worked six days a week, with varying hours. Russians came to look at the books, and above all to ask questions. Students would return repeatedly to read and talk about the U.S.A. -- often about our educational system. Many, studying English, wanted to know if there were many people in America studying Russian. Some actually copied the books, and



Registering --summer session student with Miss Cummings

-- TT Photo by Al Paone



Returned -- Mrs. Johnson

-- TT Photo by Al Paone

guides helped them whenever possible to find specific information. People asked if guides knew of anyone in the U.S. in their fields who would be interested in exchanging books. Mrs. Johnson was questioned about U.S. costs of food, clothing, medicine, about race relations, her apartment, her job, and -- by one jazz enthusiast -- the Bossa Nova. (Many younger Russians listen daily to a Voice of America disc jockey who plays Western jazz.) "They know all about our country's geography," she says, "even where they'd like to visit if they could come here."

After six weeks, "Technical Books, U.S.A." moved to Leningrad and then to Kiev. In all Irma Johnson visited five republics of the U.S.S.R. -- Georgia, Estonia, Armenia, and the Ukraine, in addition to Russia. And the exhibit itself was attended by more than 140,000 people in the three cities.

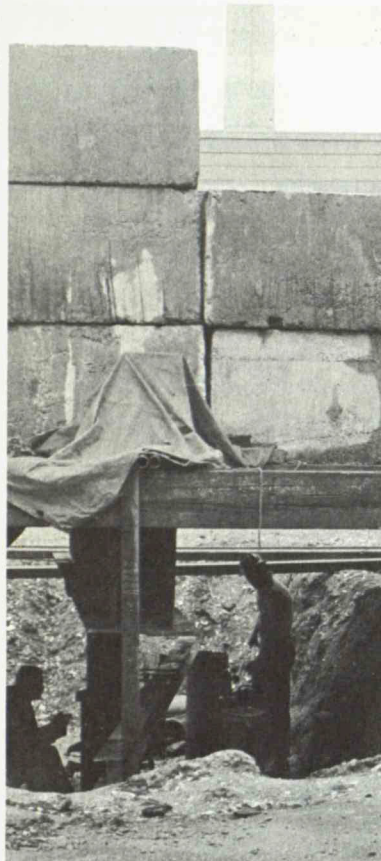
GOING DOWN

MIT sidewalk superintendents have a lot to keep up with this summer. Soon they'll be able to observe pile driving for the Center for Materials Science and Engineering in what was the main parking lot. To insure a firm foundation for the Center, contractors have just completed load testing of pilings.

Concrete-filled piles, similar to those under the Green Center for Earth Sciences, were driven about 130 feet down through miscellaneous near-surface strata, a deep stratum of soft blue clay, and into a layer of glacial till. Great slabs of concrete were placed atop each test pile. These were supported at either end by heavy timber cribbing and connected by steel grillage. Between the pile and concrete load was a hydraulic jack, applying a predetermined sequence of loads with an established time schedule.

Three gauges were attached to the top of each pile and a fourth to the top of a metal "tell-tale" rod, included -- free of the concrete -- in the piling itself to indicate performance of the pile tip. These translated into micro-inches the position of the pile under various stresses, indicating its load-bearing characteristics. At appropriate intervals, readings were taken. Maximum pressure applied to the pile was 140 tons.

The firm of Skidmore, Owings and Merrill of Chicago is architect for the center; construction by the George A. Fuller Company of Boston. Professor T. William Lambe (Civil Engineering) is serving as consultant on soils and foundations to Skidmore, Owings and Merrill.



Under the load --
workmen read guages

BIOMEDICAL COMPUTER CENTER

A multi-institutional center for computer technology and research in biomedical sciences it being established in Cambridge under a \$2.8 million grant from the U.S. Public Health Service. MIT is recipient of the grant and acts as host for the center which will serve participating institutions and laboratories throughout New England. Professor Walter Rosenblith, head of the Communications Biophysics Group at Research Laboratory of Electronics, is

director of the center. Associate directors are William Papian, former head of Lincoln Laboratory's Digital Computers Group, and Associate Professor Murray Eden of the Communications Biophysics Group. The center had its genesis in collaborative work over the past two years by the RLE and Lincoln groups in bringing computer technology to bear on basic research in biology and medicine.

The center, temporarily located at 275 Main St., Kendall Sq., will develop computer systems appropriate to biological research, apply the systems to biological research, and provide research and training facilities for faculty, fellows, graduate students and workers from participating institutions. Participants presently include Boston University, Brandeis, Brown, Dartmouth, Harvard, Northeastern, Tufts, University of Connecticut, University of Massachusetts, Worcester Foundation for Experimental Biology. Funds are being provided through USPHS by the National Institutes of Health and the National Aeronautics and Space Administration.

TT Photos by Bob Lyon



The view from the square is that curb service is not what it used to be. However, Comptroller's Accounting Office personnel are happy with their new quarters on the second floor of the Technology Square office building. Picture at the left shows Associate Comptroller John Little busy in his new modern air-conditioned office, and picture at right shows four sections of the accounting and payroll group. "Dividing the sections with file cabinets has proved to our greatest advantage here," says John. "Rather than walls, using the file cabinets has reduced the noise of typewriters and adding machines to a minimum."

TT Photos by Al France



MAJOR LEAGUE SPORTS

Shown in action at left are members of the Chemical Engineering (Capt. is John Castle) and Paradise Cafe (Capt. Roger Travis) teams of MIT's Summer Softball League. Other teams playing this season are: Biochemistry (Paul Schimmell), Dorm Guys (Dick Terkeltaub), Economics (Stan Freidlander), Graduate House (David Ledlie), Instrumentation Lab (Frank O'Glischen) and Metallurgy (Steve Oliver).

This is the first year in MIT summer softball history that there have been so many participants. Each of the eight teams plays twice a week on Briggs Field, making a total of 14 games for the season. The team with the best record by August 10 wins a trophy. Following this the four top teams participate in a play-off, and the winner adds two more trophies to his collection.

COMING ATTRACTIONS

Tonight, Summer Session presents actor Basil Rathbone in a program of poetry reading. On August 6 and 7 the MIT Community Players will give Dos Passos' "U.S.A."; and on August 20, Carl de Suze, local radio commentator, offers a travelogue on Southeast Asia. Each of these "MIT Series on the Arts" performances will begin at 8:30 p.m. in Kresge and is free to summer sessions students, faculty and wives and to the MIT community. General admission, \$1.

FOR SALE ETC.

To give away: 2 fluffy kittens. Lincoln ext 5301 or CL9-8995 evgs.

A couple hundred pounds of coal free if you will haul it away. Ext 30-266.

35mm camera, "Braun Super Paxette" recently completely factory overhauled, comp w/case, instruction book and flash. Call Lincoln ext 7788.

Heathkit (EA-2) preamp & amp, 10 watts, good cond, realistic FM tuner, good cond. Doris, ext 2210. Former \$10; latter, \$15.

11 cuft refrig, \$75; Rock maple dresser, desk, dinette, set, living rm furn. 646-7423.

5 piece K set, \$15; 12" Admiral TV, \$10; medicine cabinet, \$2; radio shack port stereo, \$15; wardrobe, \$4. Call 232-4743.

Easy auto washer, \$50. FA5-9236.

Baby carriage, also serves as car bed, like new, cost \$22, sell at \$12.50. 734-4802 evgs.

18' Hustler sailboat, actively racing in Boston Harbor. Call ext 3862 or VI6-3628.

Radiation Dosimeters, Roentgen and Milliroentgen scales, w/chargers. L. Constantine, 267-7328.

21" Westinghouse table model TV, new picture tube, \$70. Karl Reed, ext 2228.

14' boat, Fiberglass, no reasonable offer refused. W. Derry, ext 2776.

13' outboard runabout w/MK-25 Mercury, both like new, \$395. Ingwerfen, Lincoln ext 7660.

Golf clubs, 3 MacGregor woods in original carton, never used, \$20. H. Curtis, ext 3501.

100% wool Duratwist grain (Lees) carpet w/pad, 7'8"x12' & Royal typewriter. IV4-5015, ext 2587.

4 burner gas range, 6 yrs, clean, \$35; 20" Higgins girl's bike, like new, \$18; Bendix gas dryer w/attach, \$50; Vespa side car (50% off), \$60. Call Mr. Mattfeld, IV9-1489.

Remington cordless elec razor, practically new, \$20. Ext 4441 or IV4-5690 after 6pm.

Polaroid land camera, model 900, 1 yr old, perf cond, asking much less than discount houses. Call ext 4549.

Divan, \$10; 2 button back chairs, \$10 ea; S. Littlefield, ext 2131.

Persian kittens, thoroughbred, magnificent, lovable, double champion sired, white or blue, male or female, \$35. 9 wks old. MI3-7081.

Toy sale: children's scooters, games & dolls, some used, some new, reasonable. MI3-7081.

Piano lessons, A. B. in music. D. Perry, ext 5671 or 876-5144.

"Exchange Program"--You teach me driving w/your car, standard shift and I tutor you (or your offspring) math, hi school or college level, &/or physics &/or engineering sciences. Call 354-1377 evgs. You have the better deal!

Speaker enclosure 12-15" acoustic labyrinth, teak wood, Georgian design, cheap. M. Wolff, ext 30-331.

12' skiff w/3 hrspwr motor & trailer. Lloyd Beckett, ext 2691.

Air conditioner, 3/4 hrspwr, 10,500 BTU, A1 shape, \$115. Ext 2715 or 944-9355.

Elec rotisserie, \$25; easy chairs; infant furn; hobby horse, \$7; 9'x12' rug, \$5; bachelor chest, \$25; lumber for dining table. MI8-3165.

Comfortable mod chair, \$20. J. Leibowitz, ext 2948 or 547-0829.

2 1/2 gal glass punch bowl (24 cups) stationary exercising bike, Morse port elec sewing machine. Mrs. Coyle, MI8-1977.

Dbl bed, \$15; 6'x12' rug, \$13; 6'x9' rug, \$8; also study desk, etc. Yoshimi, ext 3726.

'62 RCA combi washer-dryer, \$300; Philco refrig, \$30; slide projector, \$20. Ed Miller, ext 2639 or MI6-8513 evgs.

Trailer enclosed type similar to U-haul, 6' wide by 8' long, perf for camping or hauling, \$75. Stan Campbell, VO2-3370, ext 7111.

Selmer saxophone, Selmer alto saxophone Mark VI, leather tri-pack case, \$325. Leo, ext 415 or 944-5487 evgs.

Complete dark room outfit w/Federal cool light enlarger. Call Larry Gerrior, Lincoln ext 5524.

'51 Desoto 4 dr sedan, very dependable, \$80, Underwood port typewriter, David Daney, ext 2584.

'54 Pontiac station wagon, good cond, for sale around 8/18, \$175. Ext 3379 or BE2-6531.

'56 Buick, exc cond, full power equip, one owner. Best offer over \$350. Ext 701 or MI3-5270 evgs.

'57 Mercury conv, red-white, new brakes, battery & mufflers, must sell. \$450. Louis ext 4128 or JA2-0256 evgs.

'57 Renault Dauphine, 30,000 mi, \$150 or best offer. Ext 3686.

'58 VW, blue sunroof, R, ww's, \$775. Call 547-7946 after 5:30 p.m.

'58 MGA, \$750, good cond, Doris, ext 2210.

'58 Ford Fairlane 500, Interceptor engine, R, H, ww's, including snow tires, 33,000 mi, 1 owner, \$600 or best offer. Ed, ext 5513.

'59 VW sunroof, 23,000 mi, exc cond, 267-4579 evgs. D. Duston.

'59 Simca sta wagon, J. Miller, ext 4983.

'60 Simca, \$575; R&H, snow tires, exc cond, A. Lau, EL4-5244 evgs.

'60 VW sedan, exc cond, reasonable offer accepted. 254-3969.

'60 Valiant, red, A-1 cond, \$1200 or nearest to it. Ext 3857.

'60 Volvo P. V. 544, 37,000 mi, 1 owner, asking \$1,000. CO2-1100, ext 406 or 400 before 5pm or 07-7102.

'60 Chevy, 2 dr, standard, R&H, orig owner, 20,000 mi, very good cond, \$1150. Ext 2650 or 262-2056.

'61 Rambler American, 4 dr, H, 50,000 mi, exc cond, seats conv to bed, 1 owner, leaving for Europe. \$990. Ext 3235 or 491-0255.

'61 VW white sunroof, good cond, extra snow tires, \$1250. Ext 3644.

'62 Corvair Monza, 4 sp, R&H, seat belts, blk, \$1775, exc cond. Paul Pirtle, 472-4137 after 7pm.

5rm apt for rent, Allston, 5 rms, \$75/mo, 1st fl, 10 min ride from MIT. AL4-8639.

Charming older house, very near center of Winchester, in residential area, 4 BRs, plus nursery or den, LR, DR, K, family rm, screened in porch, low \$20's. Call TA9-3780.

Luxurious 3 rm apt on Beacon St., avail for sublet from now until Aug. 31. Chances of signing a lease for coming year good. Call ext 2511, 9-5 or 266-4155 after 5:30p.m.

Framingham 3BR-L-ranch, GE all appliance K, \$18,990 or GI takeover, PIT \$124/mo, ext 4479 or 875-0398.

3rm furn apt for rent, W. Somerville. SO6-4724 after 5pm.

3BR ranch in Lexington, panelled study, fenced back yard, exc cond, VO2-1935, \$19,000.

4BR center entrance colonial in Lexington, 2 1/2 tiled baths, 2 car garage, walking distance to town, avail 8/1. VO2-4208, \$41,000.

Burlington, 3 BR ranch, LR w/fp, dining area, full cellar, half acre lot w/9 apple trees. Avail Sept. 35 min drive to MIT, 12 min to Lincoln Lab. \$17,200. BR2-1063.

2BR cape, unheated, furn, Brighton overlooking the Charles. \$140/mo. Scituate, 545-1149. →

Gloucester yr round hse, 5 BRs, 3 1/2 baths, over an acre of nicely landscaped grounds, 5 min to private beach, mid \$20's. Lincoln ext 226.

3BR cottage, Wellfleet, avail 8/10-17. \$90/mo. GR9-2513.

Apt, \$120/mo. Avail 8/10, Somerville, M.E. Haglund, Room 26-411.

House exchange, London-Boston, physician & family hse Boston area, 9/63-9/64. Exchange London home, residential Highgate, 15 min to ctr. 3BRs, DR, LR, garden, evgs 536-7080.

Sublet attractive furn 2 1/2 rm apt, Newbury St. for Aug. Can occupy earlier and/or renew lease \$75 (normally \$110). P. Gorenstein, ext 2396.

5rm unfurn Cambridge apt, lg rooms, near Harvard Sq. 3 min to MIT, avail now. \$75 plus util. KI7-1082 after 5pm.

4 rm apt, W. Somerville, all util, \$135/mo. Good location. 625-6158.

Brookline, really mod 4 1/2 rm apt in 2 fam contemp hse. Full K, dishwasher, washer, drier, heat incl, thermostatic control, lg sun deck, car port, beautiful woodsy setting, August occupancy. \$190/mo. Ext 4854.

Arlington, new 2BR apt, air cond, swim pool, bar-bee patio, off street pking, furn or unfurn, sublet anytime to end of Sept. Renewable lease. 648-7038 or ext 5329.

Modern designed cottage, 2 BRs, fully furn, fireplace, 8 mi from Mt. Washington, secluded quiet wooded area, Jackson, N.H., avail Aug. through Labor Day. R.L. Cameron, LY9-3000.

Peacock Farm home, Lexington, unfurn, rent for 2 yrs, 4 BRs, 2 1/2 baths, community swimming pool. \$300/mo. Mrs. Flnk, VO2-4353, avail 8/15.

5rm apt for rent, Arlington, 1st floor, garage, redecorated, \$135/mo., unheated, MI3-9192.

Wanted: Driver for car pool, Bellingham to MIT, 8-5, Bob, ext 2255.

Ride wanted from Newton to MIT, 9-5, Mon-Fri, Mark, ext 2427.

Ride wanted: To Providence or Newport, R.I. any weekend. Dotty, ext 2367.

Wanted: Ride from Billerica to MIT, 9-5, ext 2562.

Wanted: Grad stu or wking girl to share 4 1/2 spacious rooms; attractive apt w/other girl. Own lg BR, exc location, 2 min walk from subway stop and lg shopping area. \$67.50/mo. Gabrielle Fuchs, ext 3377 or BE2-3394.

Wanted: 2nd hand mahog BR set, dble bed. Hildred, Lincoln ext 7317.

Wanted: 12'x15' rug, new or used in good cond. Contact Murray Sachs, ext 619 or WA6-0626 evgs.

Wanted: DR set, under \$100. Al Oppenheim, ext 671 or 926-0626.

Wanted: Ride from Braintree to MIT. Ext 791.

Rides wanted from Burlington (vicinity of Wilmington Rd.) to MIT, 3 people, 9-5. Carol Olson, ext 2752.

Wanted: Lady's bicycle, 26", 3 spd, ext 710 or TR6-9448.

Wanted: Girl to share spacious Bay State Road apt w/2 rmmates. Avail Sept. Ext 2720.

Rmmate (s) wanted (male) about the middle of Sept. Mark Perking, ext 5425 or 734-1093.

Want to buy: Hand lawnmower. KI7-5489 evgs.