Open House Saturday first in four years

MIT will hold its first Open House in four years this Saturday, from 10 am to 5 pm. More than 350 exhibits and demonstrations from academic departments and sororities and fraternities will be presented for public inspection.

The budget for the Open House Committee is about $300. This figure is approximately $300 higher than the original estimate, reported Robert Blumberg '64, co-chairman of the committee. Of this budget, $200 has been allotted for printing of the program to be distributed to visitors. Also, the committee is purchasing 10,000 copies of this week's issue of The Tech for distribution to the guests. A large number of student activities will be represented. "The committee has been trying to guide visitors through the buildings. Maps and brochures describing the events and how to find them will be available in Building 7.

Major tenants drop plans to rent in Technology Square

IHM and C-E-I-R will not occupy space in 440 Technology Square at the present time. The International Business Machines Corporation had planned to occupy Floors 2, 3, 4, and 5 of the new building, and the Corporation for Economic and Industrial Research would have leased Floors 8 and 9.

IHM has signed a lease for the four floors with Technology Square's developer, a joint corporation of MIT and Cabot, Cabot & Forbes Co. Now, however, IBM is subleasing to other tenants.

MIT has temporarily moved its offices to the second floor of the building. Other likely tenants for the IBM floors include the Corporation for Educational Research and several small offices, according to Pagon Hunter, manager of real estate.

Mendelsohn's demonstration work by electrical engineer Gusav rier '63 demonstrates current work by electrical engineer Gustav Drier '63 and fellow junior Charles A. McNa hygiene. "Those who subsequently are assigned to Technology Square will of course be released from prior assignments."

By Ritt Judnich
The Cambridge Board of Assessment is considering the alternatives of full taxation or payments in lieu of taxes for the married students' housing.

Should the board choose the former course, it would mean taxing the apartments from housing for single students. Student dormitories are not considered as being real property subject to taxation.

Past Cambridge policy has permitted MIT to make payments in lieu of taxes on all buildings. The payments are based on a percentage of the assessment which isSub that the city saw no reason why the city's position should be changed. However, Institute Treasurer Thomas F. Gibson, chairman of the Cambridge Board of Assessment, noted Monday night that the assessment for Cambridge was based on the city's position on the matter.

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The Department of Chemical Engineering will hold its orientation open house this afternoon in the Walker Room.

The Department's main aim is to cultivate its students' capacity for handling new problems with confidence, since the chem. engineer must be equipped to do more than handle present ones.

New areas in synthetic organics, microbiology, pharmaceutics, plastics, petrochemistry, and atomic energy all fall within its domain. The chemical engineer must understand the principles involved in these new developments and must be prepared to pioneer in unknown areas.

Two programs are offered leading to either of two bachelor-of-science degrees: one in chemical engineering practice. The latter involves one term of study at a 1-year institution in actual practice. The two-year undergraduate students are designed to provide basic studies in physics and mathematics, and a strong core of chemical engineering. Considerable latitude in arranging a selection of subjects is available to each student so that he may choose his fields and develop his aptitudes.

A professional minor, in such fields as humanities and industrial management, is required. It may be equivalent to as much as one and a half terms of full study. The choice of a field is up to the student, but guidance is provided by faculty counselors.

In addition to the above program, the department offers a program in materials science and engineering. The degree requirements are essentially the same as those for chemical engineering.

The Department of Aeronautics and Astronautics will hold an orientation open house for freshmen interested in Course 36 tomorrow at 4:00 pm in the D Armour Point, 21-207.

Aeronautics and Astronautics deal with the problems of mass and unassisted vehicles that operate above the earth's surface. Operation of aerospace systems requires solving the problems of support, air resistance, propulsion, structure, propulsion methods, control, and measurement under different environmental conditions.

Aerospace systems are essentially the same as those for chemical engineering. It is the primary objective of the Department to give a clear understanding of all these important problems. Course 36 offers three programs of study. The Engineering Science program is aimed at those preparing for graduate study. Less emphasis is placed on flight vehicles and more emphasis on experimental projects. The program also stresses an advanced background in mathematics and physical sciences.
Queen to be crowned Saturday at Spring Carnival

The annual Awards Convocation and the ground-breaking ceremony for the new Student Center will take place as a combined exercise May 13 in front of Kenney Auditorium.

Several research administrators from the United States Air Force and Department of Defense will participate in the dedication of the new six-million-dollar Magnetic Laboratory next Tuesday.

The new laboratory apparatus will generate intense fields for use in research. Of particular interest to current researchers is the effect of these fields on nuclear, atomic, and molecular structures and on the properties of materials.

The dedication-day program will include guided tours of the laboratory starting at 1:30 pm, dedication ceremonies at 4:30 in generator hall, and a dinner at 7 pm.

Among those who have accepted invitations to be present at the dedication is Endicott Peabody, president of the Corporation, the year. The Cochrane Foundation Award given to the best original booth, the queen trophy, and a second-place trophy.

The proceeds from the carnival will be used by APO for its service projects.

Cost $6 million
Lab dedication Tuesday

Going Home Soon?

Several research administrators from the United States Air Force and Department of Defense will participate in the dedication of the new six-million-dollar National Magnet Laboratory next Tuesday.

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Also ground-breaking

Awards program May 15

The annual Awards Convocation and the ground-breaking ceremony for the new Student Center will take place as a combined exercise May 13 in front of Kenney Auditorium.

Classes will be cancelled from 11:00 am for the hour-long program.

Public presentation of six awards will be omitted this year to allow time for the ground-breaking.

These are the six purely academic awards.

According to a tentative schedule, the Awards Convocation will be opened by Jerry Lamberg '64, Undergraduate Association president.

He will be followed by Prof. Ross Smith, director of athletics, who will present the Clifford Award to the outstanding athlete of the year. The Outstanding Athlete Award will be presented for athletic excellence and sportsmanship.

There will follow a combined presentation of the Athletic Association Awards—Beaver Roy Trophy and Beast, and the Batson Society Award. The Batson Society will then present its awards to seniors making notable contributions to athletics at MIT. The Academic Honor Society Outstanding Freshman Award is scheduled to be followed by the Scott Paper Foundation Award given to the junior showing high character and community consciousness.

The final awards will be the Earl Taylor O'Connor Prizes given to persons promoting high standards of achievement and good citizenship in the MIT community. The presentation will be made by Mrs. Karl Taylor O'Connor, who will be introduced by Kenneth R. Waldigh, dean of student affairs.

The assembled group will then move to the northeast corner of Kenney Plaza, midway between the auditorium and the Du Pont Athletic Center, for the ground-breaking ceremonies.

President Julius A. Stratton will make a few opening remarks, followed by an introduction by Dean Waldo of honored guests who have worked for the new Student Center.

Henry Bowman '53 will speak briefly and then proceed to a joint ground-breaking with Dr. Stratton. Dean Robert J. Holden will close the convocation.

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MAXWELL EQUATIONS
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April 25 and 26
$3.50 each
Reductions on Orders Over
$100—be followed by the Scott Paper
Foundation Award given to the
Junior showing high character and
Community consciousness.
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To prevent this:

The Tech WEDNESDAY, APRIL 24, 1963

Page 4

To carry out MIT's mission of education, for leadership, this university must be a dynamic enterprise, with little sentiment for the past. Change is the dominant aspect of MIT.

In education, several aspects of change planned by MIT concern education, research, and university environment.

The educational mission of the Massachusetts Institute of Technology is to develop new teaching techniques. New teaching techniques are needed. Three recent developments at MIT are:

1. Teaching by computers. Management games, political games, and structural models analyzed by computers give instant evaluations of the student's decisions.

2. Home laboratory kits. Each student is given equipment to conduct experiments outside the laboratory. He is allowed to do as many experiments as he likes.

3. Freshman seminars. Small groups of freshmen meet for several hours each week with a faculty member to conduct individual research projects.

Each of these techniques is designed to give students quickly the kind of immediate insight that usually comes slowly from experience.

Research. To create new facilities for research, MIT is building five new research laboratories.

The new centers will permit closer coordination of research in universities.

The Green Center for the Earth Sciences, a 20-story building, is now rising on the East Campus. Construction of the other four centers will soon begin.

Environment. One of the important trends at the Institute is the growth of the non-academic environment. Non-academic activities have first priority on the use of the recently built Kreege Auditorium. The Council, Du Pont Center, and the forthcoming Student Center are other facilities to improve the campus environment.

On-campus housing is also expanding in quantity, quality, and the number of groups served. Apartments for married students and the women's dormitory are under construction, and additional space for several hundred men is expected shortly.

Cosmopolitan MIT, formerly a local technical school with all students competing, has body evolved into a residence university. Last year's students came from 49 states, and 13 per cent of the student body are from other nations. The student body today is the most cosmopolitan in the United States.

This university's increasing contribution to the Boston-area economy is another significant trend. Route 126, or Electronic Row, is lined with space-age firms attracted by proximity to MIT. Over 120 Massachusetts firms have been founded by Institute graduates. An extraordinarily high rate of change is the dominant fact of this century. The Institute's basic change is in step with the times. But MIT is holding fast to one central goal: the era of change.

As President Julius A. Stratton says, this goal is "to send out an army of the highest professional competence, with the breadth of learning, the understanding, and the character to deal with the increasingly complex problems of this modern technological society."

In conjunction with the planning of social weekends, several pertinent questions arise:

(1) Should the dance Friday night be formal or informal? How should the dance Friday night be formal or informal? Should the dance be held on a given date?

(2) What type of entertainment is expected? Should there be a formal dance on a given date?

(3) What special events should be included (such as a talent show, a final ball, a fashion show, or Saturday matinees)?

Answers to these questions will be sought in a meeting of the planning committee sometime in the near future.

In order that your chairman may be well informed, here is his idea of what dancing on his door and filling in is one way of identifying:

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Kibitzer

By Michael Linar

Inside Inscann

APOS proposes social weekend combined with annual carnival by Jerry Lubbers, UAP

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THE TECH

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Associate Chairman ......... Robert Milne

Managing Editor .......... Howard Brauer

Features Editor .......... Stephen Katzberg '65

Sports Editor ............... Robert Milne

Photography Editor ...... Paul Zakrzewski, David Johnson

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Harvard houses’ theater groups present several productions

**By Charles Foster Fort**

With the opening of the Drama Theater on both sides of Massachusetts Avenue, a theater scene in Harvard is being created that was for a long time a live possibility. The houses—four of them, to be exact—have decided to present their plays almost simultaneously in order to attract the maximum number of students. This is partly because there is never any fly-space for storing sets, and no technique even a play is presented. Each play is constructed from scratch. The buildings in which the plays are performed are not permanent; they are built temporarily on a temporary basis, and may be removed at any time. The houses’ annual productions are presented during the fall and spring semesters, and are open to students and faculty members. Each house is devoted to a particular type of theater: drama, musicals, classical, and experimental. The houses’ productions are usually presented by students in collaboration with faculty members. The houses’ productions are supported by a variety of funding sources, including college funds, private donations, and grants. The houses’ goals are to provide a forum for the expression of creative ideas and to foster the development of new talent.
The Sponsored by Physicians for Social Responsibility

35 Binney St., Boston Admission free

The Black Death and Nuclear War’
Some implications of the Great Plagues for modern warfare.

TUESDAY, APRIL 30
8:30 pm

Prof. William L. Langer
Harvard University

The Black Death and Nuclear War
This week the Entertainment Department argued about whether to send me to the opening of Tallulah Bankhead’s new vehicle, ‘Here Today,’ or to the dress rehearsal of ‘The Haunted Woman’ by Plautus, at the Loeb Drama Center. I opted for the latter. The ancient Roman play may not have been much funnier than Tallulah’s, but it was probably never.

We have here a novelist, who has suddenly fallen in love with the bright young daughter of an old B.C. family. She loves him, but she is engaged to a Harvard Business School type, and her Mima just would not understand. (If you hear echoes of ‘The Philadelphia Story,’ forget them. They’re there, but they’re awfully tired.)

Then we have the novelist’s first wife, and her drinking partner and collaborator in writing plays. (‘You are my intellectual companion, darling. I like to talk to you!’) They happen into this victorious class of pessimistic Eclectics, and by and by—very, very, New York throw everything into a daisy. They queer the romance’s atmosphere as a gentleman; then they continue to blackmail him and to reputation is sacrificed for the and they all write. ‘Then they put on a new dress, and The new Mima just would not understand. (You hear echoes of ‘The Philadelphia Story,’ but they’re there, but they’re awfully tired.)

But that would spoil things. If you are reminiscing, which pulls at the Man Who Came to Dinner, forget it. George Oppenheimer is not another Kaufman nor a Hart, and no matter what she sounds like, Tallulah is not another Nellie Wexley.

There is, I must admit, a good act and a quarter left, though since they are the final act and a quarter, it is doubtful if many people will stay long enough to see them. (Tallulah fans and theatregoers forty are excepted, of course.) Until Tallulah decides to forge an inscription in an insurance contract, to queer the engagement, everything is going to be straight-lined and rigid. After the point, there is no snap and a brightness to the dialogue, and vigor to its delivery. Those who go at all should resolve to stay to the end of Act Two, no earlier.

There are a few people casting their branchy productions on the Bostonian dowager, Mrs. Windrew. She has filled this Gentile role, not by playing the Bostonian fantasy, but by playing the Bostonian dowager in other plays. Mrs. Windrew is one of the bright young daughters of an old B.C. family, who has suddenly fallen in love with the novelist, who has suddenly fallen in love with the bright young daughter of an old B.C. family. She loves him, but she is engaged to the Harvard Business School type. She has suddenly fallen in love with the novelist, who has suddenly fallen in love with the bright young daughter of an old B.C. family. She loves him, but she is engaged to the Harvard Business School type. She has suddenly fallen in love with the novelist, who has suddenly fallen in love with the bright young daughter of an old B.C. family. She loves him, but she is engaged to the Harvard Business School type.

Center seeks new way to teach college physics

The Science Teaching Center, an attempt to evolve a new pattern for teaching college physics, is based on the picture of the modern physical world as drawn by modern physical principles.

The methods necessary to keep college physics up to date with contemporary research developments are of concern to the present center. “What is important,” Dr. Frank states, “is not any significant change in the structure of college-level physics teaching, but rather the attempt to make physics more closely connected to the continuous injection of new principles and patterns of thought, rather than an attempt to follow short-term contributions of a new principle of thought. On this basis, the attempt should be to no longer than the time it takes for the new principle to be accepted in the profession, and to stop me in these words when the acceptance of the new principle is complete.”

Salem refreshes your taste “air-softens” every puff

Take a puff, it’s Springtime! A Salem cigarette brings you the taste of Springtime—so soft and refreshing. Puff after puff... pack after pack... Salem smokes fresh and flavorful every time. Smoke refreshed... smoke Salem!

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The Science Teaching Center was established at MIT in 1963 under the directorship of Frank L. Friedman, professor of physics who died last August. It's principal director is Prof. Jerrold R. Zachman.
Two New Cars are Born

Avanti-inspired...
Bonneville-tested!
R2 SUPER LARK
R2 SUPER HAWK

We designed two new cars—and built a lot of our record-setting Avanti into them: supercharged R2 engines... heavy duty springs and shock absorbers... plus anti-sway bars, front and rear... thar rods, rear... racing type disc brakes, the safest known and ours alone.

We named them R2 Super Lark and R2 Super Hawk and had Andy Granatelli take them out to the infamous Bonneville Salt Flats for final performance and endurance tests.

We could scarcely believe the results, but the official U.S. Auto Club timers confirmed them: R2 Super Lark—132 mph! R2 Super Hawk—140 mph! Two-way averages—under the most punishing weather and surface conditions. That kind of performance, combined with their gentle ‘round-town manners, told us these cars were ready. R2 Super Lark and R2 Super Hawk are now available on special order at your Studebaker dealer's.

Flush front seat safety belts now come factory-installed on every car—another advance from Studebaker.

WTBS schedule

The following is WTBS's revised program schedule as of April 1. WTBS broadcasts on 88.1 megahertz.

**MONDAY**

Morning
- 5:00 - News
- 5:15 - Masterworks
- 6:00 - Music at MIT
- 6:30 - Night Music
- 9:00 - Music USA
- 9:30 - Masterworks
- 9:45 - Sign Off

Noon
- 12:00 - Jazz at Midnight
- 12:15 - 12:30 - News
- 12:30 - Masterworks
- 12:45 - Sign Off

**TUESDAY**

Morning
- 5:00 - News
- 5:15 - Masterworks
- 6:00 - Music at MIT
- 6:30 - Night Music
- 9:00 - Music USA
- 9:30 - Masterworks
- 9:45 - Sign Off

Noon
- 12:00 - Jazz at Midnight
- 12:15 - 12:30 - News
- 12:30 - Masterworks
- 12:45 - Sign Off

**WEDNESDAY**

Morning
- 5:00 - News
- 5:15 - Masterworks
- 6:00 - Music at MIT
- 6:30 - Night Music
- 9:00 - Music USA
- 9:30 - Masterworks
- 9:45 - Sign Off

Noon
- 12:00 - Jazz at Midnight
- 12:15 - 12:30 - News
- 12:30 - Masterworks
- 12:45 - Sign Off

**THURSDAY**

Morning
- 5:00 - News
- 5:15 - Masterworks
- 6:00 - Music at MIT
- 6:30 - Night Music
- 9:00 - Music USA
- 9:30 - Masterworks
- 9:45 - Sign Off

Noon
- 12:00 - Jazz at Midnight
- 12:15 - 12:30 - News
- 12:30 - Masterworks
- 12:45 - Sign Off

**FRIDAY**

Morning
- 5:00 - News
- 5:15 - Masterworks
- 6:00 - Music at MIT
- 6:30 - Night Music
- 9:00 - Music USA
- 9:30 - Masterworks
- 9:45 - Sign Off

Noon
- 12:00 - Jazz at Midnight
- 12:15 - 12:30 - News
- 12:30 - Masterworks
- 12:45 - Sign Off

**SATURDAY**

Morning
- 5:00 - News
- 5:15 - Masterworks
- 6:00 - Music at MIT
- 6:30 - Night Music
- 9:00 - Music USA
- 9:30 - Masterworks
- 9:45 - Sign Off

Noon
- 12:00 - Jazz at Midnight
- 12:15 - 12:30 - News
- 12:30 - Masterworks
- 12:45 - Sign Off

**SUNDAY**

Morning
- 5:00 - News
- 5:15 - Masterworks
- 6:00 - Music at MIT
- 6:30 - Night Music
- 9:00 - Music USA
- 9:30 - Masterworks
- 9:45 - Sign Off

Noon
- 12:00 - Jazz at Midnight
- 12:15 - 12:30 - News
- 12:30 - Masterworks
- 12:45 - Sign Off

Clark Kerr to speak for Godkin Lectures

Harvard's annual Godkin Lectures will be given today and tomorrow at 8:00 in the Sanders Theater, Cambridge.

Clark Kerr, president of the University of California, will speak on 'The Use of the University.' His topic will be the realities of the Federal Grant University; tomorrow, 'The Future of the City of the Intellect.'

The Godkin Lectures were founded at Harvard in 1933 in memory of E. L. Godkin, the British-American journalist who founded The Nation. The lectures discuss aspects of 'The Essentials of Free Government and the Dilemmas of the Citizen.'
Singer Makeba to give 'Crossroads' benefit

By Charles Foster Ford

The 'Sorcerer' is an excellent example of what should be done with Gilbert & Sullivan. The small student production of G & S is a solid parody of 0'Keeffe Carte with voices inadequate to the task. The only productions I have enjoyed were those few which took a wholly original approach and refused to be pretentious. Dave Mills' staging of 'The Sorcerer' shows just such originality. This was the first full length comic opera which Gilbert & Sullivan wrote together, and it is a loose and flabby example of their art. The first act seems terribly long because most of it goes by in static inactivity. Also, there are several places where comic ideas are thrown away in one sentence, where better craftsmanship would have made material fill the whole new plays in them. Sir Alexander and Lady Simpson mean that they never married because they were too polite to admit their passion, but after one long the possibilities are dropped. By daily dissonance on the sea appeal he had in his youth, yet none of those impassioned piano ladies appear in act two. Gilbert had barely begun to write. But the triumph of the evening is the singing. Dave Mills has come up with a kind of theatrical professionalism in which the singing is quicker than the ear. His cast is full of nineteeners' costume, poses and attitudes, out of some ancient handbook for modern dance. The word 'stylized' is applied to their description. Instead of bounding his singer's natural tendency to 'stand and deliver' in rather stiff postures, he has used this frustrating handicap as the basis of his approach. The results are hilarious. In fact, the careful composition of gestures and attitudes is so well done that, at least two cases, they call attention away from quite atrocious voices. There is too much fun to watch for the ear to be annoyed.

This technique comes off best, of course, when executed by P. Sloan Foundation, are part of an effort to increase the social impact of PhD-level work in teaching and research. Dean Howard W. Johnson of the management school said he has been one of the first in several years of this experience in business management.

MIT DRAMASHOP

Presents Franz Kafka's

THE TRIAL

Adapted and directed by Joseph Everingham

Kresge Auditorium

Little Theatre

APRIL 24-27, 8:30 pm

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movies...

G & S 'Sorcerer,' opera at Agassiz

By Charles Foster Ford

The 'Sorcerer' is an excellent example of what should be done with Gilbert & Sullivan. The small student production of G & S is a solid parody of 0'Keeffe Carte with voices inadequate to the task. The only productions I have enjoyed were those few which took a wholly original approach and refused to be pretentious. Dave Mills' staging of 'The Sorcerer' shows just such originality. This was the first full length comic opera which Gilbert & Sullivan wrote together, and it is a loose and flabby example of their art. The first act seems terribly long because most of it goes by in static inactivity. Also, there are several places where comic ideas are thrown away in one sentence, where better craftsmanship would have made material fill the whole new plays in them. Sir Alexander and Lady Simpson mean that they never married because they were too polite to admit their passion, but after one long the possibilities are dropped. By daily dissonance on the sea appeal he had in his youth, yet none of those impassioned piano ladies appear in act two. Gilbert had barely begun to write. But the triumph of the evening is the singing. Dave Mills has come up with a kind of theatrical professionalism in which the singing is quicker than the ear. His cast is full of nineteeners' costume, poses and attitudes, out of some ancient handbook for modern dance. The word 'stylized' is applied to their description. Instead of bounding his singer's natural tendency to 'stand and deliver' in rather stiff postures, he has used this frustrating handicap as the basis of his approach. The results are hilarious. In fact, the careful composition of gestures and attitudes is so well done that, at least two cases, they call attention away from quite atrocious voices. There is too much fun to watch for the ear to be annoyed.

This technique comes off best, of course, when executed by

real stopper

Mennen Spray delivers 3 times the anti-perspirant power of any other leading men's deodorant. The fine spray mist gets through to the skin where perspiration starts. Deodorant. Effective. And works all day. Is it any wonder, more men use Mennen Spray in the handy squeeze bottle than any other deodorant?

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THE TRIAL

Adapted and directed by Joseph Everingham

Kresge Auditorium

Little Theatre

APRIL 24-27, 8:30 pm

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Box office UN 4-8900 ext. 2910

movies...

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BUY MENNEN NOW AT THE COOP
President Stratton greets visitors at Open House

Dr. Julian A. Stratton, president of the corporation, extends the following welcome to all who visit the Open House:

On behalf of the students and faculty of MIT, I wish to welcome you most warmly to our twenty-second Institute Open House.

What has been planned for you and what you may see here is the result of a joint effort on the part of the students and the faculty. It is intended to give you an opportunity to see a variety of our facilities for teaching and research and to catch some of the flavor of our curricular programs in engineering, science, architecture, urbanization, and industrial management. The schedule also includes many exhibits and presentations of student extracurricular activities, including athletics, which are an integral part of our campus life.

The purpose of the Open House is to provide an occasion on which all our friends and neighbors may come to know us a little better, and the program has been designed with many different interests in mind. I hope very much you will have a most enjoyable afternoon.

5 sports events contribute to Open House program

By CMF Weilstein

Free athletic teams may be seen in action on the MIT home field this Saturday.

The trackmen will begin a triangular meet with Bowdoin and the Harvard in the outdoor fields at 12:30 pm. Tech's Cinderella, in the midst of one of their best seasons ever, and coming from a 20-10 record, but the last two contests attrac"ed the attention of several hundred visitors.

Tennis

On the tennis courts behind Baker and Beaver Houses, MIT's tennis will compete against the University of Massachusetts Saturday morning. There will be a full tennis squad with a 4 match, and a three-court winning streak going into Saturday's contest. Number-one player Beman played a very close match in the singles of the Eastern Collegiate Athletic Conference tennis tournament.

Rugby

MIT's Rugby Club will meet Bly Chas at 6:30 pm. This contest should be of interest both to those who are familiar with the British version of football and to those who know nothing about it. There are 28 million British who claim this is the same game they played. The MIT squad has won all of its spring contests thus far.

Baseball

A Tech nine may be seen competing in the national powerhouse league for the Boston Athletic Association. The Tech nine has had to win this year, sporting a 2-10 record, but the last two contests were lost in the ninth inning, and the baseball team will always provide a good game for visitors. The last large Open House crowd.

Lacrosse

Finally, the MIT lacrosse team will meet Amherst at 2:00 pm. Lacrosse is a rugged and rugged sport, and an exciting spectator event. The TechG men will have it all right of their contests which have to limit their excursions and cover the most interesting tours. First, you need to be of any of the tours will be the day's athletic events. There will be many organizations will hold open houses of their own, special exhibits. Open House is a student-organized program. The special Open House committee is headed by co-chairman Robert L. Bluem, '44 and C. Bart Night, '44. The committee is aided by the Faculty Administration Advisory Committee and many volunteer student workers and guides.

Kresge, Baker, chapel show modern architecture

Besides the classic architecture of the main buildings surrounding the Great Court, many other architectural styles are represented at MIT. Three of the more contemporary buildings on campus are Kresge Auditorium, Baker House, and the Chapel.

The most unusual feature of Kresge Auditorium, completed in 1955, is its domed roof, called Davo, which synthesizes southwestern Indian and Scandinavian architecture, the Mechanics, and industrial management.

Arrows to show tour routes

Open House visitors will see over 150 exhibits.

By John Montmar

At MIT's first Open House, in 1922, one of the newest scientific devices on display was an X-ray tube, and humming steam turbines attracted the attention of several hundred visitors.

Saturday, from noon to 5:00 pm, an estimated 20,000 visitors in this year's Open House will see nuclear reactors, space probe satellites and capsules, electron microscope, lasers, and a machine called Davo, which synthesizes modern human speech.

Also on exhibit will be electronic computers (a term of which will challenge visitors in various games of strategy, such as tic-tac-toe), a new technique of food preservation called deep-freezing, and a recently developed method of removing the salt from water.

52 exhibits

The purpose of Open House is to show what modern education and research look like in engineering, science, architecture, the humanities, and industrial management.

More than 150 exhibits in all of the Institute's 21 departments will be on display. These will give a view of the major research facilities and of the smaller labs, where an idea is pursued, tested and developed.

Six tours

Six different tour routes will be reserved by six different-colored series of arrows. Student guides will be posted along the way to offer directions and answer questions. Signs along the route will indicate directions to exhibit listed as a guide to tour routes.

Total coverage is quite extensive, so visitors will probably have to limit their excursions and cover the most interesting tours.

The media tour will be the day's athletic events. There will be many organizations will hold open houses of their own, special exhibits. Open House is a student-organized program. The special Open House committee is headed by co-chairman Robert L. Blum, '44 and C. Bart Night, '44. The committee is aided by the Faculty Administration Advisory Committee and many volunteer student workers and guides.

Materials Center largest construction project

The Center for Materials Science and Engineering is under construction in the area behind the Great Dome. The new building, set six stories high, will house the facility for research in chemical and solid-state physics, molecular science and engineering, metallurgy, and materials science and engineering.
Civil Engineering deals with the conception, design, and construction of facilities directed toward the improvement of the human environment.

The Department of Civil Engineering carries on basic research concerning the behavior of materials such as soil, steel, fluids, plastics, and many other natural and artificial substances. Some of these research activities will be on display at the Open House.

In the Soil Engineering Laboratory, Room 1-350, examples will be shown of how one can add chemicals to dirt in order to construct roads or houses. Demonstrations of ultrasonic waves in water and gas will also be available.

In the Structures Laboratory, Room 3-143, will feature an exhibit of structural obstructions. The floors will be pre-stressed concrete joists, resting on floor-high truss corner columns which will support it; placing all shafts of structural obstructions. The floors will be pre-stressed concrete joints, resting on floor-high truss columns which will transmit their loads to the corner supports.

The center will be completed this fall.

Located on the East Campus, the Green Center for Earth Sciences will provide 138,000 square feet for geology, geophysics, meteorology, oceanography, and for the newly emerging and related fields of space and planetary science.

The 22-story structure, 125 feet long and 50 feet wide, will be unusal in the city where green space and cross over the corner columns will support it; placing all shafts of structural obstructions. The floors will be pre-stressed concrete joints, resting on floor-high truss columns which will transmit their loads to the corner supports.

The center will be completed this fall.

Civil Engineering displays effects of H-bomb blasts

ME Dept. to show control devices, analog computer, programmed labs

Mechanical engineering is concerned with ideas and means to produce power; to make, build or shape materials and machines so that they are useful and efficient; to control devices and processes. It draws heavily on the basic sciences, mathematics, and the engineering sciences.

The Department of Mechanical Engineering thus conducts research in many and varied fields. For Open House, it has tried to present a sampling of these areas.

In the Surface Laboratory, in Room 25-033, lubrication systems will be shown. In Room 1-307, the Materials Testing Laboratory, determinations of tensile strength will be featured. The Materials Processing Laboratory will present demonstrations of machining-tool experiments. Remote manipulative control systems will be on display in Room 3-350; in Room 3-353 an analog computer and an experimental study of programmed lab instruction will be shown.

Exhibits in Room 1-233 will deal with experimental stress analysis, and will include a polychromat and a strain gauge.

EE exhibits strobe light, computers

Electrical engineering includes two major areas: communication sciences and electrical sciences. The communication science laboratory will be on display on the first floor of Building 31. The Engineering Projects Laboratory, in Room 1-145, will feature an exhibition of student projects.

EE exhibits strobe light, computers

The largest of all departments at MIT. Two exhibits will be set up in Building 10. The Electronmicroscope Laboratory will feature a permanent exhibit of a high-speed photometer in addition to numerous displays on the effects of strobe light on various flash lamps.

An analog computer will simulate a finite-narional problem in the Electronic Laboratories (Room 5-402). A liquid scintillation counter, in Room 16-744, will demonstrate delayed - photon discrimination.

The Computer Research Laboratories (Room 26-300) will feature the TXO and PDP-I computers. The electronic brains will play space war, three-dimensional tic-tac-toe, and mouse in the maze.

Student activities will be shown in the Systems Laboratories (Room 25-401).

Other open laboratories will include the Electronic circuits and Signals Laboratory (Room 3-409).

Guide for visitors

The maze of numbers are the key to the day. Each department and area of science and engineering is referred to by a number. Numbers are those given in the guide.

In fact, students may number as part of their group identity. Every room at MIT is numbered, and you can call for a number to help you move from building to building. Many exhibits and demonstrations will be shown in the hydrodynamics laboratory in Building 68, a major unit for teaching research in fluid mechanics, coastal engineering, and water resources.

The techniques of fabricating and testing small models of building-type structural forms will be illustrated in the laboratory for structural models, Rooms 3-253 and 1-241.

The department's computer facility in Room 14-00, is equipped with an IBM 1620 computer. The use of the computer in structures and materials engineering and urban transportation planning will be illustrated.

Metallurgy Department

Students will run foundry

The Metallurgy Department encompasses the sciences of metalurgy itself and of materials science. Metallurgy can be described as the science concerning the production, structure, and properties of metals. Materials science concerns the structure, properties, and behavior of materials of all kinds.

The Department of Metallurgy will display several facets of its activities at the Open House. One exhibit will be a superconducting magnet (Room 6-431), which permits electric current to flow within it with no resistance, and in then potentially capable of producing higher magnetic fields than have ever been achieved before.

The foundry (Fourth Building, Rooms 2-409 and 2-411) will be in continuous operation and will be the site of student demonstrations of various techniques used in casting processes.

Other exhibits will include: TV-microscopy as used in testing of structural materials (8-281), structure of monoclinic compounds (8-128), changes in the structure of materials (8-128), a local section of material (fourth floor, Building 35).

Department of Architecture, first in nation, to present students' models and drawings

As the first institution to organize formal architectural education in the United States, MIT has steadily held to the belief that the basic preconceptions for the study of architecture are sympathy for human institutions, esthetic perception, and the ability to understand engineering methods.

The same precepts have governed the policy of the Department of City and Regional Planning—Room 15-343.

During the Open House program, the School of Architecture and Planning will present a display and an architectural contest. These likeable models and drawings, on the fourth floor of Building 2-37, I, must be constructed before an architect's ideas pass into steel and concrete.

Chemistry to show undergraduate lab

The Department of Chemistry is concerned with the discovery of new materials and the understanding of materials (8-436), structure of materials (8-241), processing records by computer. The emphasis of MIT's program in chemistry is on several new areas: their role in undergraduate education; their applications to science; and the teaching of chemistry in the city in the scope of the entire process of making and learning chemistry.

The program for the day includes several demonstrations of typical experiments.

The second phase of the program will be an exhibit of student projects in chemistry as they are enabled by several freshmen. The program for the day includes several demonstrations of typical experiments.

A liquid scintillation counter, in Room 3-150, will demonstrate delayed - photon discrimination.

The Computer Research Laboratories (Room 26-300) will feature the TXO and PDP-I computers. The electronic brains will play space war, three-dimensional tic-tac-toe, and mouse in the maze.

Physics to exhibit high-energy

The progress of physics during the first half of the twentieth century has been in the area of elementary particle physics. The great advances of quantum theory and the theory of relativity have enabled more to move to the development of new field areas.

These advances have led to a remarkable complete understanding of the structure of atoms, molecules, and bulk matter of coloration, of gas discharges, and of atomic and molecular light of life. The discovery of nuclear rays, and of such processes as beta decay, has been made.
Visitors to participate in economic experiment with bargaining games.

14

Aeronautics to show student labs, fluster tunnel, Mercury capsule.

Math Dept. presents game problems to demonstrate applications of math.

18

The functions of the Mathematics Department are to provide a good mathematical foundation for all students and to provide a mathematical consultation service for MIT, to train professional mathematicians, and to advance pure and applied mathematics.

The mathematics exhibits will attempt to demonstrate some simple and interesting applications of mathematical ideas and will try to give the visitor an idea of the nature of mathematical reasoning.

The exhibits are designed to include the participation of the visitor, who will be presented with several mathematical problems to try.

The applied mathematics exhibit will present the cycloidal pendulum as a mathematical solution to a physical problem in Room 2-132.

A seismograph will be set up in the basement. On the second floor, a movie, five or six short films will be shown in the various Open House exhibits.

Other exhibits sponsored by the department are: topology, in Room 2-135; number theory, in Room 2-110; and geometry, in Room 2-386.

Institute symbolized in Morss Hall.

Alma Mater central figure in murals.

Earth science exhibits to include movies, mineral display, and seismograph apparatus.

Towing tank to be shown.

The origin, age, and composition of earth display, showing the evolution of man, and the earth's interior, on the first floor.

The origin of the oceans and the daily weather charts, on the second floor.

The changing and perplexing problems of science. They are in the center of the Department of Geology and Geophysics.

The seismograph, used by a student for his experiment, will be shown in Room 3-131.

In addition, continuous showings of "Something New Under the Sea" and "Life and Death in the Coral Reef." All will be presented in Room 2-134.

Engineering Department demonstrates desalination of water.

Towing tank to be shown.

The origin, age, and composition of earth display, showing the evolution of man, and the earth's interior, on the first floor.

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The Department of Economics on the second floor of the Science Center consists of three principal sections: Economics, Political Science, and Sociology.

The areas of teaching and research in the department cover a wide range of economic and social phenomena, including the production and distribution of goods and services, and their impact on individuals and society. The department also focuses on the study of economic systems and the allocation of resources in both the public and private sectors.

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Management will give panel talk

The School of Industrial Management has two aims: to assist man to prepare themselves for future positions of business leadership, and to increase the efficiency and effectiveness of industrial management through research.

At the experimental open house, there will be guided tours of the Sloan Building from 12:00 to 5:00. These tours will emphasize the computer center, the human behavior laboratory, and a model of the proposed management center.

The school will present a panel discussion, "Pioneering in Management." Six students, led by Prof. Douglas McGregor, will discuss the importance of applying computer science to the complex world of industrial management.

The school offers courses leading to degrees of bachelor of science, master of science, and doctor of philosophy in industrial management.

Air currents, radar shown by Meteorology

The Department of Meteorology seeks to enlarge and reorganize its teaching program to the complex world of industrial technology.

In its determination to contribute to this effort, MIT will hope to present the department's radar in Room 24-015.

The department will also demonstrate analog representation of atmospheric circulation. Utilizing such items as hygrometers, and chemical flow charts, the department will exhibit the patterns of air and water currents.

On the sixth floor of Building 24, exhibits of weather maps will be posted, along with computer weather forecasts based in part on data gathered by satellites.

New housing units will open next fall

As its contribution to Open House, the center will have a book display in the Dewey Library, on the third floor of Building 32.

Nutrition and Food Science to show food poisons

Problems associated with the rapidly increasing world population and with the rapid application of scientific and technological discoveries by the food industry present an unprecedented challenge for nutrition and food scientists.

Although these areas originated in the fields of chemistry, physics, physiology, and engineering, they are today integrated sciences serving as basic points for developments in many disciplines.

The Department of Nutrition and Food Science will present various displays in Building 16. Food chemistry and engineering will be shown in Room 134. Exhibits here will include: an enzyme juice concentration process; a display of freeze-drying as a new dehydration technique, a cuvet-microscope demonstration, and a high-pressure rotator.

The food toxicology exhibit will display various toxic substances from natural foods. Another display is the fluorescent antibody technique, a method of identification of food poisons and pathogenic microorganisms. It is based on the addition of specific fluorescent antibodies to the surface of these organisms.

In Room 238, a number of exhibits dealing with biochemical engineering will be shown. A continuous culture and growth experiment with algae has been constructed.

It is a laboratory scale model of a pilot plant for utilizing the potential of algae as a food source.

A fermentation setup for industrial microbiological systems will also be on display, along with an exhibit on flavor analyzers.

The human-nutrition and physiological chemistry activities of the department will be on display in Room 338. An amino acid analyzer will be shown along with metabolism studies in rats and guinea pigs and a display on the nutritional aspects of physical work.

Films entitled "Hungry Angels" and "Horizons in Food Technology" will be shown continuously in Room 338.

Dehydration technique

Tours to be guided through nuclear reactor factories

The Department of Nuclear Engineering carries out a program of teaching and research directed toward adapting nuclear energy for the purposes of man.

Nuclear engineering is a highly specialized field which requires considerable knowledge of many other fields, such as mechanical, electrical,

Algae experiment

Algae experiment

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VISITORS at the Tech Open House will be cordially welcomed at THE TECH COOP

For many years, The Tech Coop has been serving the students, graduates and faculty of M.I.T. in a semi-official capacity. Text and general books, men's furnishings, merchandise displaying the Tech seal and many every-day items form the complete stock of this interesting "campus store."

CIS to display books in Dewey

Since its founding in 1951, the Center for International Studies has conducted research concerning international affairs. Today the center is primarily engaged in study of four areas: economic and political development, international communications, the Communist Bloc, and military and foreign policy.

As its contribution to Open House, the center will have a book display in the Dewey Library on the third floor of Building 32.
Eighteen campus activities and organizations will be spotlighted during Open House. Student presentations and demonstrations will focus on a multitude of activities on the MIT campus. The Athletic Association will have an exhibit in the lobby of the Dr. Post Athletic Center. The Singing Owls will be open as part of the exhibit of the Nauti-Can Association. Diving and swimming exhibitions will be given in the Abalos Swimming Pool under the direction of the Swim Club.

Three MIT publications will participate in Open House. The Engineering News, the student technical magazine, will operate in office Room 30-230 to the public. The Student, All-Tech E-logy magazine, will have a booth in the lobby of Building 10. The editors of The Tech, in Room 50-231, will be open during the regular Saturday make-up session.

Also in Walker Memorial, the Institute Community will open its offices (Room 50-130), as well as the Technology Community Association (Room 0-0-190). WHCR, the student radio station, will demonstrate some of the functions of its studios in the basement of Walker.

Entertainment begins at 1:00 p.m. with a free concert presented by the new student band. 

Among the other clubs presenting exhibits are the Hobby Shop (Room 2-201), the Model Rail- way Club (Room 20E-214), the Radio Society (GS-35K), the Rec- tory Research Society (Room 2-05), and the Sports Car Club (tent parking lot).

National Magnet Lab grows as research center

During its second year of exist- ence, the National Magnet Lab-oratory has become a national and experimental equipment.

At the Laboratory, as part of its Open House program, will be exhibiting its Linguatrainer in the Language Laboratory, Room 20C-25. The exhibit will show how language forays into analysis, nuclear, atomic, and molecular structures.

Diorama also featured

Several special displays will be exhibited during Open House. A cosmic rays display will be in Room 30-247. The Electron Accelerator will have a display in the lobby of Building 5. Paintings and drawings by Boston artist Conger Metcalf will be on display in the Hayden Gallery.

The exhibit will show how the- ory formation from early warning systems, radar lines, satellites, rocket ships, and air craft is transmitted, and how these differ- ent sources are coordinated to control and command the operation of the aerospace systems.

A Teletar exhibit will be set up during Open House. This will be a display that will explain the satellite systems as well as models of the satellite in operation.

The exhibit of the satellite is also shown. These models can be seen at Kresge; three other films are also shown in continu- ous循环, "Flying Beyond." To Create a better understanding of the "MIT Reactor,"

Four living groups to be open Saturday

Among the 3600 undergraduates, about 2000 live in the four dormi- tories on campus. Two of these, Baker House, which holds 350 students, and the graduate dormitories, where 417 rooms are housed, will be open during the Open House program.

About 800 men live in the 28 dormitories that serve the graduate students. Two more dormitories and two graduate fraternities, Delta Kappa Epsilon and Delta Kap- phi Beta Epsilon, will be open to vis- itors. In addition, they will be serving refreshments all afternoon.

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*Price slightly higher west of the Rockies.

Modern Language Dept. will show Linguitrainer, computer translation

The Modern Language Department offers subjects of the undergraduate and graduate levels in German, French, and Russian.

It also provides a program leading to the degree of doctor of philosophy in linguistics. This program aims to give a comprehensive knowledge of modern linguistics, with particular emphasis on its theoretical aspects.

The department, as part of its Open House program, will be exhibiting its Linguatrainer in the Language Laboratory, Room 20C-118. Computer translation will be demonstrated in Room 20B-155, and "What Is Linguistics," will be continuously shown in Room 2-513.

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Visitors may play tic tac toe game with IBM 7090

The facilities of the Computation Center, on the first floor of Building 21, will be on display all day throughout the Open House program.

Some problems will be demonstrated on the 709 computer. The computer has been programmed to play tic tac toe with visitors.

When in progress, the game may be viewed on a cathode-ray oscilloscope attached to the computer. Also, the computer will solve a set of equations describing the motion of a bouncing ball. The solution to those equations will be displayed on the oscilloscope.

The IBM 709 computer replaced the slightly slower IBM 705 in January, 1952. The 705, manufactured as a research tool, is now that its predecessor, runs approximately three times faster than the 709.

The Computation Center is currently being used both by industry and other institutions as well as MIT. Every department now uses the facilities of the center.

More than two dozen regular MIT subjects, graduate and undergraduate, plus more than one dozen courses at other New England colleges use the 709 as part of their instruction program.

PMC reduces costs for fraternity system through quantity buying

Savings each of MIT’s 28 fraternities millions of dollars a year in the Purchasing Manager’s Council of the Interfraternity Conference. The PMC, headed by Drew Bostick of Alpha Tau Omega, operates much like a clearing house for orders from all the fraternities.

The idea behind PMC, developed a few years ago, was to set up a central office where each fraternity placed orders on items common to all of the houses. In this way goods could be bought in quantity.

The major programs of the PMC have so far been in items such as meat, milk, sugar, oil, bread, and little items such as light bulbs. The budget for meat and bread, and little items such as light bulbs. The PMC has also standardized a list of all the various fraternities.

Excessive new facilities, including a warehouse, are planned for the PMC in the new Student Union.

Sangam will present seminars on India

About thirty students recently organized Sangam, a club for Indian affairs. According to its constitution, the club is intended to be a meeting point for all those interested in India.

The club members propose to present seminars and talks on Indian affairs. In addition, they plan to organize social and cultural events, and to take part in the activities of the International Programs Committee.

The following students were elected club officers: president, Raghu Nath; vice-president and treasurer, Mahesh Bhagat; and secretary, Alyub Hossenally ‘63. Meetings are open to all students, staff, and faculty members. All inquiries and suggestions should be addressed to Raghu Nath, in Room 32-417.

Tempest Winners... Lap 3!

Gary L. Lewis
U. of San Fran.

John W. Erhardt
Loras College

Byron D. Groff
Penn State

D. B. MacInleish
U. of Michigan

N.T.G. Rosamia
Kansas State

James W. Todd
Vanderpoe U. (St. Louis)

W. T. Oliver
Lafayette College

Justin C. Bumis
St. Bonaventure U.

Edward R. Wassad
Clemson College

Morris L. Boyer
U. of Georgia

G. J. Tamulavich
Worcester Poly (UAF)

Aniel K. Nanco
Portland State

J. G. Gallegos
U. of New Mexico

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AUTOMOBILE BODY REPAIRING & REFINISHING

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31 LANDSWOOD STREET

CAMBRIDGE, MASS.

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Aniel K. Nanco
Portland State

J. G. Gallegos
U. of New Mexico

Did you win in Lap 4?

LAP 4...

20 WINNING NUMBERS!

25 CONSOLIDATION PRIZE NUMBERS TOO!

If you hold a Consolidation Prize number, you win a 4-speed Portable Hi-Fi Stereophonic Set, “The Waltz!” by RCA Victor. Or, you may still win a Tempest! (See official claiming rules on reverse of your license plate, and observe claiming dates given above.)

CONSORATION PRIZE NUMBERS:


CONSOLIDATION PRIZE NUMBERS:


If you hold any of the 20 winning numbers, claim your Pontiac Tempest LeMans Convertible in accordance with the rules on the reverse of your license plate. Girls! You may choose instead a thrilling expense-paid 5-week Holiday in Europe—for two! Plus $200 in cash!

L&M GRAND PRIX 50

Get with the winners... far ahead in smoking satisfaction!

THE TECH WEDNESDAY, APRIL 24, 1963
26 teams open IM rifle competition

Interscholastic rifle competition got underway with a meet Saturday, April 13. 26 teams participated. The meet was won by Sigma Phi Epsilon A with 989 points, followed by Alpha Rho Chi, 989, Baker D, 974; Phi Kappa Sigma A, 971; and Grad House, 929.

Each of the four men on a team fired 20 shots from a prone position. High possible team score was 900. Quentin Penney of Burton House led individual scoring with 198 of a possible 200.

Dr. Charles H. Savage Jr., and Professors Paul G. Roberts Jr., Arthur T. Ippen, and T. William Lambe, all of the Civil Engineering Department, and Professor Warren G. Benson of the School of Industrial Management, will work with the students.

How Ford economy won for Tiny Lund at Daytona

The Daytona 500 is one of America's toughest stock car events. It measures the toughness, stability, over-all performance, and economy characteristics of the cars that take up its challenge—in a way that comprises years of driving punishment into 500 blinding miles. This year mechanical failures claimed over 100 per cent of the cars that entered. That's why Tiny Lund's victory in a Ford (with Ford engine) right behind him is a remarkable testimony to sheer engineering excellence.

Lund attributed his victory in part to the "missing pit stop." He made one less pit stop for fuel than his competition—proving that Ford economy can pay off in some fairly unlikely situations.

Economy and the winner of the Daytona 500 might sound like odd bedfellows at first. Yet economy is basic in every car we make...yes, even the Thunderbird is an economy car in its own way. Here's what we mean...

Economy is the measure of service and satisfaction the customer receives in relation to the price he pays for it. It does not mean, however, that because they have taught us this.

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Thirteen games played as softball enters fourth weekend of action

By Robert MacDonald

The short-handed schedule was relatively light in its third weekend with only thirteen out of fourteen scheduled games being played Saturday and Sunday.

LCA, Burton in Overhand

There were many tight games this week including an exciting nine run winning streak by Chi Alpha and Burton A. Burton A jumped to a quick lead in the second inning while Lambeth Chi rallied four times in the bottom of the third. This accounted for all of the scoring until the top of the sixth when Burton in creased their lead to 8-4. LCA responded to this by scoring five runs in the home half of the inning to lead the game for the first time 9-8. Burton A pushed across a run in the top of the seventh to force the game into extra innings, and the game was finally won by LCA as Jim Schoo-

mee '64 drove across the wire with two men out at the bottom of the eighth.

In other close games, Burton B defeated only Gamma Delta 7-5. Chem Engineering slipped by AEPI 6-5, and Zeta Beta Tau B defeated Chi Phi 7-5.

Baker Shows Power

Baker House played three games this week while rolling up a total of 32 runs compared to their opponents 12. Baker B smashed Phi Mu Delta 17-0, while the team rolled over UCF 17-5 and Zeta Beta Tau C 18-7.

Chi Alpha and Burton A battled to a tie in the third weekend with only thirteen rule was relatively light in its account-

Kibitzer

(Continued from Page 4)

South now led the king of hearts for game.

North-South were an aggressive partnership, but South fortunately had the playing skill necessary to handle his ambitious contract. Flunting with defeat, which each of today's players brought themselves to do, is what makes duplicating the exciting game that it is.

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Wednesday, May 15

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mative books for young 'round reading and browsing. Here also is a truly distinctive group of Masonic and Stereo records...mostly the elusive, hard-to-find variety... All items are brand new...all in perfect condition.
Frosh sports

Baseball team defeated by Milton Academy, Dean

By Mike Neeshma

The froshmen lost to Mill-

ton Academy last Wednesday, 6-2. Jack Moia pitched a no-hitter

until the fifth inning when two

hit and two costly errors let

across six runs. Dean Jr. Colle-

gian MIT Saturday and left

a 2-1 victory. Dean got both

in on a homer by the catch-

er and pitcher Larry Calab ac-

counted for Tech's sole tally with

a bar-tugger in the seventh in-

ning. Twice in the last two in-

nings MIT had the bases loaded

with only one away, but both

times the team could not score.

Netmen Lose Two

The tennis squad dropped their

match with Harvard 94 Friday.

In Saturday's match at Wesleyan,

all the Techmen lost their match-

even though they had played in high school. Bush and Pete Kirkwood had two
ties apiece for MIT.

Trackmen Edged 41-56

The cindermen met Governor

Dummer Academy at home

Wednesday and were edged 61-55.

For Tech. Harvard came to Briggs

Field Saturday and defeated the

Tech. Harvard had the highest average on

the 1963-64 MIT fencing

captain of the 1963-'64 squad

has had the highest average on

the team all season, once again

led the team with a 269. Dave

this year's handicap

and will terminate the 62-63 sea-

son. In addition, MIT has

taken the annual Boston Handi-

cap Tournament the last two

years. This year's handicap

match is slated for next Saturday

and the New England In-

national Meet in St. Louis,

the New England Cham-

pionships. Art Best '64 was elected cap-

tains of the 1963-64 MIT fencing

team. He had the best win-loss

record on the team (34-11) and

took second place in more com-

petition in the New England In-

ternational Championship.

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Stickmen aim attack against Amherst

The MIT attacker (hidden behind John Lambert, No. 12) is about
to scoop up the ball in Saturday's Lacrosse contest against Amherst. Jim
Anderson and Wayne Matson (second and third from right) follow the
play. Amherst won, 4-2.

-Led by former Techmen, the MIT lacrosse team dropped two

games by one-goal margins last week. The stickmen lost to Holy Cross by 7-6, Tuesday,

April 16, and fell 4-3, to the University of New Hampshire, Saturday, April 20.

The MIT squad was leading by a point lead and win the game.

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Golfers downed by Tufts, Williams: Outshoot Trinity for first NE win

By John Kek

The MIT golf team began its spring schedule of New England matches with a 5½–½ win over Trinity and losses to Tufts (4½–1) and Williams (4–3) last week. The Italians record now stands at five wins and five losses.

Tech Wins 6

The Golfers met a tough team from Tufts and suffered a 6½ loss Monday. Peter Ludtke '68, who was low man for MIT, tied an opponent with a 76. Day 1½ points scored the other half-point for Tech, tying his opponent while shooting a 90. Other scores for Tech were 80 for Nick Laban '66, 80 for Bill Graham '65, 80 for Roy Carver '64, 86 for Mike Finnem '62, and 86 for Glenn Shil '64.

Tech Downs Trinity

Tech played a triangular match beating Trinity, 9½–½, while losing to Williams by 6½. Wednesday, Ludtke was again low man for Tech, shooting a 79 while beating both of his opponents. His total with an 85, also beating both of his opponents. Al Pogeler '64, John Sinnott '65, and Mike Finson '63, who was low man for MIT, tied his opponent while losing to Williams by 4-3.

Tech Downs Williams

The golfers have two matches slated for this week. The Tech men play at Wesleyan today and meet Merrimack and the University of New Hampshire at home in a triangular match Friday.

How They Did

New Hampshire—MIT 3

Tennis

MIT 8—Bowdoin 1

MIT 9—Colby 0

Wayne 6—MIT 0

Wesleyan 6—MIT 1

Baseball

Boston State 4—MIT 3

Milton Academy 6—MIT 1

Dean Junior College 2—MIT 1

Crew

Rutgers 7—MIT 2

VARSITY LIGHTS

Rutgers 6—MIT 1

MIT 6—Rutgers 1

Wayne 6—MIT 1

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On Campus

(Author of "I Was a Teen-age Dearf," "The Many Loves of Dobie Gillis," etc.)

HOCKEY INSURANCE

How To See Europe

For Only $300 a Day: No. 1

Summer vacation is just around the corner, and naturally all of you are going to Europe. Perhaps I can offer a handy tip or two. (If muttering that I myself have never been to Europe, but I do have a French poolside and a German shepherd, so I am not entirely unqualified.)

First let me say that no trip to Europe is complete without a visit to England, Scotland, Wales, Ireland, France, Germany, Spain, Portugal, Italy, Liechtenstein, Hofland, Belgium, Luxem-
bourne, Switzerland, Denmark, Sweden, Norway, Finland, Pol-
land, Czechoslovakia, Latvia, Lithuania, Estonia, Russia, Cusco, Yugoslavia, Albania, Crete, Sardegna, Sicily, Hungary, Bulgaria, Ireland, and Andorra.

Let us take up these countries in order. First, England.

Auto Insurance

How To See Europe

For Only $300 a Day: No. 1

The capital of England is London—or Liverpool, as it is sometimes called. There are many interesting things to see in London—chiefly the changing of the guards. The guards are changed daily. The old ones are thrown away.

"Barber “must” while in London is a visit to the palace of the Duke of Marlborough. Marlborough is spelled Marlborough, but pronounced Marlor. English spelling is very quaint, but tends to be disquainted. The George Bernard Shaw, author of Little Women, fought all his life to simplify English spelling. They tell a story about Shaw once asking a friend, “What does deviled-celluloid spell?”

The friend pondered a bit and replied, “Goutier.”

Shaw sighed. “Phews,” said Shaw. “G-h-o-t-i does not spell goutitis. It spells joggles.”

“Frequency?” said the friend.

Shaw answered, “G-h-a. As in cough, as in exsanguins, as in motion. Put them all together, you get joggles.”

This was very clever of Shaw when he considered that he was a vegetarian. A good thing to be, and one of the many interesting things to see in London. But I digress. We were speaking of the palace of the Duke of Marlborough—or Marlboro, as it is called in the United States. It is called Marlborough by every sucker who enjoys a fine, rich herbed of tobacco, who appreciates a pure white filter, who likes a soft park that is really soft, a Flip-Top box that really flips. By sun one way will suit with Marlboro when you make your trip abroad. After a long, tiring day of sightseeing there is nothing so welcome as a good Marlboro and a foot-

Marlboro

Tobacco

Laxative

Holly Cross 7—MIT 6

IT'S A GAS!

(and easy on it)

This is quite a car, the Rambler American 440-4. Harding, Dean Lines, and a streetcar in Fair, looks that say "go." A powerful plant that has the message, plus enough ways with a tank of gas.


Rambler prices are tagged to save you money. And you get more service-free. Muffler and taillight designed to last at least as many years as the original buyer owns the car. Dual-Safety Brakes (self-adjusting, too) and a host of other solid Rambler features. Why not see and drive a Rambler soon—at your Rambler dealer.

RAMBLER '63

Winner of Motor Trend Magazine Award: "CAR OF THE YEAR"

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RAMBLER '63

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Mother always told me to look for the blue label*

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Ruggers smash Wesleyan, Boston Rugby Club

By Susan M. Rogers

The Rugby Club emerged doubly victorious from Saturday's encounters, trouncing Wesleyan 36-3 in the first game and Boston 21-4 in the second.

Wesleyan Loses Finale

Apparently unfamiliar with rugby, the Wesleyan teams frequently seemed to think it was playing football. Blocking, offsides, and rough play abounded, with more knock-ons occurring than were called. Fred Schrader made Wesleyan's only try for a goal.

Tech took advantage of the strong wind in its favor during the first half, when it scored 6 of its 16 points. Penetrating an iron-hard defense headed by Captain Marty Weber who was married was John Loo.

Baker, Burton dominate ping pong finals; PBE, SAE, AEPI, PTD in contention

By Dick Missicher

The regular season play in the intramural table tennis tournament was completed last week. Next week, the top two teams in each major division league and the top team in each minor division league will begin a round-robin tournament to determine the ranking of the twelve best teams on campus. The third place major division and second place minor division teams will compete in a separate round-robin playoff to determine the 13th through 25th places. Mural points will be awarded to the living groups on the basis of the results of these playoffs. The finals will be dominated by Baker and Burton House teams. Baker A, B, C, and D are eligible, as well as Burton A, B, and C. East Campus A rounds out the eight teams which will represent the dormitories. Phi Beta Epsilon, Sigma Alpha Epsilon A, Alpha Epsilon Pi A and Phi Delta Theta A, the four remaining fraternities, will also battle for honors.

The secondary playoffs will include Burton C, Phi Alpha Beta, Grad House A, Phi Delta Theta B, Sigma Alpha Epsilon B, and Sigma Phi Epsilon A. The winner of a twostep playoff between Sigma Alpha Mu and Burton E will also be eligible.

Trackmen collect 12 first places to score 95-40 romp over Tufts

MIT's trackmen crushed Tufts 86-48 at Phillips' Andover Academy hot Saturday. Collecting twelve first, ten second, and eight third places, and sweeping four events, MIT dominated the meet from beginning to end.

Technically Sweep Three

MIT swept three events and placed first and second in another to triple Tufts track point total. R. Plunkett 44 took the 200 and 200-yard dashes and the 120-yard high hurdles. Tom Goddard 63 won the mile run while Mike Gifford 63 placed second. Roger Butler 65 finished first in the 800-meter run. Terry Dorschner 65 was the other track winner, winning intercollegiate Atlantic Tri-Meet 85 to the tape in the 220 yard low hurdles.

Eagleson Wins Twice

In the field events MIT had a little more trouble with Tufts but were able to oust their opponents. Eagleson 64 was both the high jump and the javelin. Wrestler Kim Sloat 64 won the shot put with a heave of 46'8". In the hammer throw Terry Daniel 64, Jim Kotanchik 64, and Mike Keehner 65 were also engineered by Gary Lukis 64 and Mike Keehner 65.

Trackmen win eight relay races. Eagleson teamed to give the Engineers a 4x100 relay win. Tom Callahan 65 teamed to give the Techmen a 4x200 relay win. The discus to hand the Techmen a 4x400 relay win. Roger Hinrichs 63 and Roger Hinrichs 64 were also engineered by Gary Lukis 64 and Mike Keehner 65.

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UN 4-5271
The lightweight crews started the day on a strong note, sweeping both races against Dartmouth and Yale in 6:50.1 and 6:51.0 respectively. The races were held on Saturday at Derby, Connecticut.

The Varsity lightweight crew defeated Dartmouth by a length, with times of 6:47.2 for MIT and 6:55.6 for Dartmouth. The second place crew was also solid, finishing third by a little over a minute.

The freshmen races were also impressive, with MIT winning both races against Yale. The first race was won in 6:47.2, and the second race was won in 6:47.3.

By C. R. Miller

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The lightweight crews started the day on a strong note, sweeping both races against Dartmouth and Yale in 6:50.1 and 6:51.0 respectively. The races were held on Saturday at Derby, Connecticut.

The Varsity lightweight crew defeated Dartmouth by a length, with times of 6:47.2 for MIT and 6:55.6 for Dartmouth. The second place crew was also solid, finishing third by a little over a minute.

The freshmen races were also impressive, with MIT winning both races against Yale. The first race was won in 6:47.2, and the second race was won in 6:47.3.

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