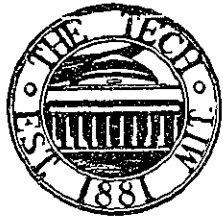


# The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVI. NO. 2

CAMBRIDGE, MASSACHUSETTS, TUESDAY, FEBRUARY 14, 1956

5 CENTS

## WMIT Will Change Call Sign To WTBS Friday At Midnight

WMIT has announced that, effective February 26, 1956, it will undergo a change of call letters to WTBS. This change has been brought about by the presence of an FM station in North Carolina with the same call letters—WMIT. This station derives its name from Mount Mitchell, on which it is located.

Recently, the Federal Communications Commission has taken an increased interest in college radio stations and expects very soon to enact legislation requiring campus stations to register their call letters. Naturally, there can be no duplications and since the North Carolina radio station registered with the FCC some years ago they have priority. Correspondence with WMIT-FM reveals that they are one of the more powerful FM stations in their area and would not consider relinquishing their call letters. Thus, in order to be legal, Tech's campus station can no longer use the name of MIT and must resort to the less illustrious WTBS (which stands for the Technology Broadcasting System).

The change from WMIT to WTBS will take place during the broadcast of Saturday Night Owl of February 25-26, at 12 midnight.

Allan Dovman '56, Station Manager, reiterated the policy of programs dedicated specifically to the Institute audience regardless of call letters. The station will continue to carry news of campus activities and career opportunities along with other programs of interest.

## Etchings By Four Tech Graduates Now On Display In Hayden Library

Eighty etchings by four graduates of the Institute are being shown in an exhibition which opened in the gallery of the Hayden Library, Saturday and will remain through February 26.

The etchers, all of whom studied architecture at the Institute, are; Samuel Chamberlain, Marblehead, Louis C. Rosenberg, Green Farms, Connecticut, John Taylor Arms recognized as one of the masters of American etchers, who died two years ago, George C. Wales, who died in Brookline fifteen years ago.

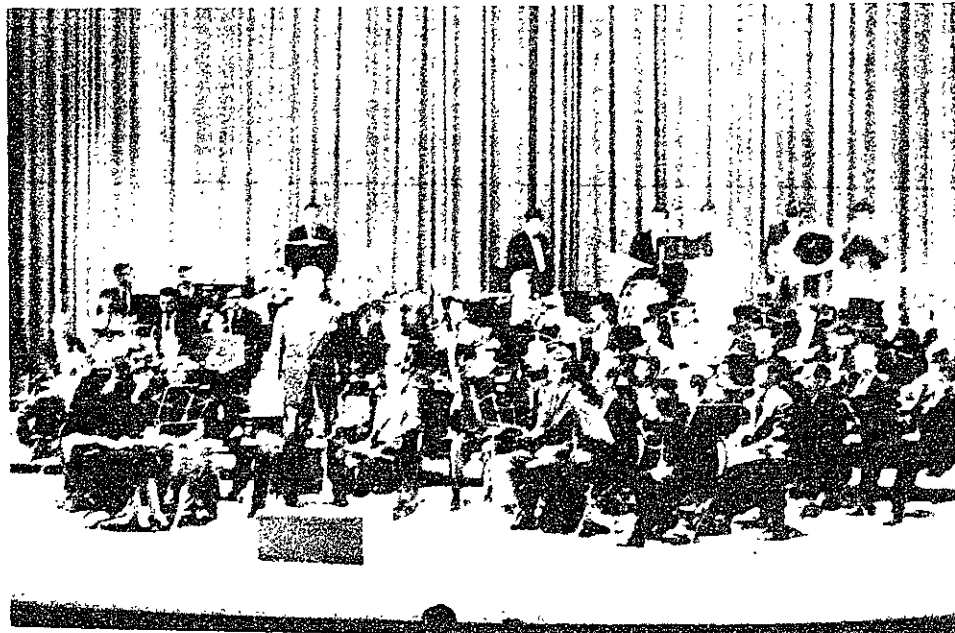
## TCA Will Sponsor March Blood Drive

Beginning March 6, and extending for three days, the bi-annual Institute blood drive will get under way. This campaign is sponsored through the cooperation of the Red Cross and the Technology Christian Association. Donations may be made by anyone over the age of 18. Persons less than 21 years of age must obtain the consent of their parents. The TCA is more than willing to lend assistance in any respect.

Any individual who participates in this program here benefits both himself and the Institute family. Because of this drive anyone associated with the Institute, or a member of his immediate family, may receive up to four pints of blood free of charge upon application to the Cambridge Blood Bank. Even if the person needing the blood is not in Cambridge at the time, he can obtain this service while connected with the Institute.

A comparatively large amount is expected, and this campaign should net a considerably larger quantity than that of last term when a case of jaundice in Baker House made necessary the refusal of all donations from the House.

Applications will be available later this week for all interested persons.



Members of 6th Annual New England Intercollegiate Band in Kresge Auditorium Sunday

## New England Intercollegiate Band Presents Varied Kresge Concert

MIT was host to an unusual musical experience Sunday at Kresge Auditorium as the New England Intercollegiate Band presented a program of original music for concert band. This group, which has been chosen annually since 1951 from among the best college band musicians in New England, was directed this year by Thor Johnson, distinguished conductor of the Cincinnati Symphony Orchestra.

The band presented the world premiere of Robert Starer's "Concerto for Piano and Band", with David Bar-Illan, brilliant Israeli pianist, as soloist. The composer, a member of the faculty at the Juilliard School of

Music in New York, was on hand to work with the musicians.

In addition to the Starer concerto, the program included the Symphony No. 19 by Nicolai Miaskovsky, the Toccata Marziale by Ralph Vaughan-Williams, the Suite Francaise by Darius Milhaud, and Marche Baroque, by Andrew Kazdin, a junior in Course VI at MIT, and timpanist with the Intercollegiate Band.

Thor Johnson's appearance marks the first time that an Intercollegiate Band has been directed by a prominent symphony conductor. A native of Wisconsin, he was appointed music director of the Cincinnati Symphony in 1947.

David Bar-Illan, soloist with the band in the new Starer work, was a member of the Israeli underground and later served in the army in Israel's War of Independence. He came to the United States as an invitation student to Juilliard when he was seventeen years old.

Robert Starer came to the Juilliard School from Jerusalem in 1947. Sunday's premiere, the Concerto for Piano and Band, was dedicated to the soloist, David Bar-Illan.

This performance of the New England Intercollegiate Band was sponsored by the Baton Society, MIT's honorary music organization which recently brought the New England Opera Theatre to Kresge. In the past year, the Baton Society has played a major part in bringing outstanding musical presentations to MIT's new auditorium.

A review of the concert will be found on page two of this issue.

## Diver Piccard Gives LSC Lecture Tonite

Widely known already for an altitude record of ten miles obtained in 1932, Professor Auguste Piccard attained the depth of 4500 feet in September 1953.

Although those records were superseded by an American record of altitude and a French record of depth, we owe to Professor Piccard the original idea which permitted them.

Starting the design and construction of his latest Bathyscaphe four years ago Professor Auguste Piccard was assisted by his son, Dr. Jacques Piccard.

On a short tour of the United States, Dr. Piccard has agreed to speak at MIT. He will lecture tonight at 7:30 p.m. in Kresge Auditorium under the auspices of the Lecture Series Committee.

## Development Of Enthusiasm To Be Topic Of Discussion At Conference, Feb. 25, 26

Announcement was made today of a Conference on the Development of Scholastic Enthusiasm to be held at MIT's Endicott House the week-end of February 25 and 26. The conference will be attended by President Killian, Provost Stratton, the Deans and Department Heads, and a selected group of student leaders who will seek to discover some means of instilling in the students a genuine enthusiasm for their prospective careers so that they will be able to make the most of the opportunities which college offers.

Specifically the conference is to discover some means of developing in the undergraduate:

- 1) A desire and sense of obligation to live a life of contribution to society expressed largely through an engineering or scientific career.
- 2) An attitude that ability obligates a man to assume a position of leadership in society.
- 3) A valuation of college years as precious time and opportunity to prepare for a career.
- 4) A tone of serious but enjoyable and adventurous interest in scholarship.

The conference, a student initiated affair, will be a week-end meeting at the Endicott House in Dedham. The lead off speaker will be Frank Kepple, Dean of the Harvard Graduate School of Education who will introduce the problem after lunch on Saturday. Discussion will follow in small student

led groups, each of which will study a different phase of the question in some detail. The topics will be divided into two main subheadings with four groups in each. At the conclusion of these discussions, the four groups in each subheading will meet together to review the broader picture in relation to each afternoon discussion.

The entire conference will be brought together after dinner for an overall look at the day's accomplishments, with the late evening reserved for relaxed and informal discussion over cocktails.

Sunday, after a non-denominational church service, the discussion groups will meet to take a look at their topics in the light of the material presented Saturday evening. A short open meeting will close the conference and a summary will be prepared and published by the student participants for distribution to all interested parties.

This week each delegate attending the conference will receive a pamphlet containing information and sample opinions on the question so that each will be familiar with the various ideas proposed, and will be able to apply their time at the conference to the search for an answer.

Student participants will be invited to a coffee and discussion later this week in a further effort to acquaint them with the various aspects of the question, and enable them to solidify their own opinions.

## Annual Elections Meeting To Be Held By The Athletic Association

The Athletic Association, governing body of all Institute athletics, holds its annual election meeting this afternoon in Tyler Lounge. The association, through its two major subdivisions covering intramural and varsity sports, is in charge of appointing managers, budgeting and scheduling varsity sports, arranging the entire intramural program, and in general, handling the countless problems which continually arise in the athletic system. Close to one half of the undergraduate budget is devoted to the association each year. Its office staff includes two secretaries, Helen Kaplan and Beverley Sinderoff, and its financial operations include hiring referees, making arrangements for transportation for away contests, paying for players' meals on road trips, buying new equipment, and several other costly items.

Open for election will be the position of President, Vice-president in charge of intramural athletics, Vice-president in charge of varsity sports, and recorder. The latter is in charge of taking minutes at all AA executive committee meetings along with keeping a file of Tech athletic records, including seasons' records, scores, and players.

Nominated by the executive committee is Bob Heitman '57, who has been varsity soccer manager for three years and is presently in charge of intramural squash and swimming. Although Heitman has no radical changes in mind should he be elected he does have outlined a plan for over the present AA organization. He plans first to improve the present

system of selecting managers through increased publicity of openings and interviews with the candidates. Among the methods of publicity Heitman has in mind are the facilities of THE TECH and WMIT along with a large smoker to be held in the cage immediately before the start of the spring season. By these means Heitman plans to eliminate the present system by which a manager frequently picks his own successor, often with little regard for capability. Along with an improved managerial appointment system, Heitman is in favor of appointing assistants to all varsity managers in order to provide continuity and increase efficiency in these positions. Heitman points out further that the newly clarified managerial duties, especially financial, should be strongly impressed upon the managers and their assistants, and if necessary, they should be enforced. Heitman winds up his platform by advocating increased harmony in the executive committee, continued close work with Athletic Director Richard L. Balch, and monthly meetings of the newly formed varsity council in order to further integrate the varsity system.

Bruce Blanchard, '57, not as yet nominated but with definite intentions to run for the presidency, will be nominated from the floor in this afternoon's meeting. Blanchard, at present assistant treasurer of the AA, includes in his platform a improved managerial appointment system. His next point is to recommend attendance at all AA executive committee meetings by assistants to excomm

(Continued on page 8)

## TECHNICON DANCE

The Orthodox Christian Fellowship and the TECHNICON Hellenic Society will jointly present the 5th Annual Technicon Acquaintance Dance on Friday, February 24, 1956 in Walker Memorial.

# The Tech

VOL. LXXVI Tuesday, February 14, 1956 No. 2

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## EDITORIALS

### Responsibility Without Representation

Most of the undergraduate body participate in organized athletic competition of some kind, yet few pay more than passing attention to the Athletic Association Executive Committee who, with the Athletic Director, are ultimately responsible for these activities.

The Athletic Association occupies a unique position among Institute activities. Handling about as much Institute funds as all other activities combined, and holding administrative authority which directly concerns more students than any other, it has direct connection with Institute Committee only through Activities Council, where it has but one of many votes.

In its function as administrator of funds, the Athletic Association has a responsibility exceeded only by Finance Committee.

In its function as administrator of athletic competition, it is closer to Freshman Coordinating Committee than to its fellow Class A activities. Unique in its position, its relations with Institute Committee have produced many complications; witness last year's Field Day mix-up.

To grant the Athletic Association a status at least equal to that of FCC, with a non-voting seat on Inscorm, would put AA on a political level corresponding to its actual position in student affairs.

Both Inscorm and the AA would benefit by obtaining greater understanding of mutual problems. True, not all of Inscorm's activity is relevant to the Association; but in that respect only a small portion is relevant to any of the other present non-voting members.

Non-voting membership would give the convenience, now granted to NSA, FCC, Fincom and Secretariat but denied to the AA, of proposing and seconding motions and, most important, of arguing from a seat on the conference table.

### Balance Of Power

Some sixty-odd managers, captains and officers comprise the voting membership of the AA. Too often interested only in their own particular department, they proved in the past unwieldy and unsatisfactory for the purposes of the enactment of legislation. In the past the AA Executive Committee made all the actual decisions and the voting members rubber stamped the motions. This September, Executive Committee officially recognized the existing situation and, realistically, substituted once- or twice-a-term meetings for the past regular meetings. Copies of Executive Committee minutes were sent to all members before general meetings and a blanket motion of approval was presented (at the one meeting last term under such conditions, it was rapidly passed).

The change in general was a beneficial one. It was, however, a little too radical. Last term Executive Committee added a new member, a recorder, to its number. A much needed addition, it was one which should have been approved separately by the Association, rather than as part of a blanket motion at a dinner meeting where debate was near impossible.

Not of interest to all the members, many of Executive Committee's motions do concern indirectly, if not directly, at least some. Unfortunately, notice of Executive Committee debate and proposed action is almost unobtainable and reaches members only when, perhaps months later, a large sheaf of minutes is distributed. Even should a member get wind of something of interest in advance, it would be near impossible for him or any other member to attend.

More frequent distribution of minutes, including agendas when possible, and the opening of almost all meetings to anyone interested would alleviate this situation. It would also enable Executive Committee to gain informed and often beneficial opinion.

Closely related is the problem of elections. Nominations are made at an Executive Committee meeting and distributed with the minutes a week or so before the elections. Such nominations give an unfair advantage to the Executive Committee nominations. True they are in what is perhaps the best position to recommend; but they can and do argue for their candidates during the pre-voting debate.

With almost all power centered in its hands, Executive Committee must make its elections as open and unbiased as possible, lest by self perpetuation some ambitious faction,

more interested in the power than the responsibility, turn what are some of the most important and valuable positions at the Institute (the AA President, it has been said, should be one of the five most influential students on campus) into political plums and by inbreeding render the Association incompetent.

### standing room only

#### "Debut" by Mary Drayton

Wilbur Theatre, thru February 19;

Matinees Wednesday and Saturday

"Debut" is a play about "Goo", as described at length by one of the characters. It has a gooey southern setting, a gooey southern father, a gooey southern tomboy daughter (who is about to make her debut), gooey negor spirituals between scenes, and even some gooey diction! As a matter of fact, the only thing that isn't gooey about this show is Tom Helmore, but it doesn't help much, for his characterization isn't much of anything else either.

And yet, it isn't the "Goo" that makes this play so dramatically weak, for even goo can be bright and sharp and dramatically strong; anyone who saw Tom Ewell in "The Seven Year Itch", Judy Holliday in "Born Yesterday", or D'Oyle Carte doing Gilbert and Sullivan can readily see what I mean by "sharpness" amidst the goo. The real difficulty in "Debut" has arisen from the script and the direction, in what they have done with a basic comedy situation. Replete with sex and abbreviated swearing ("D.I.A.T.H.—I'm not allowed to swear, you see."), Inger Stevens makes a highly convincing southern tomboy, intent on "doing something important!" before her debut and marriage. Tom Helmore, the Associated Press' answer to a maiden's prayer, shows up just in time, all set to do a feature on the South. Instead, he becomes the principal feature in Miss Steven's intentions; having helped her "do something important", he naturally falls in love with her himself. However, his daddy went to Harvard, so it just won't work. Naturally, after the proper amount of anguished suffering, Act III reunites them in time to save her from marriage to the local swain.

Had the authors and the director stuck to the painting of a sentimental southern landscape, or had the whole thing been reduced to a highly sophisticated romp, the cast might at least have had something to sink their comedy teeth into. As it is, "Debut" is a collection of worn-out situation comedy bits and overworked comic attitudes, rolled up in an almost defiant ball of "Goo". This is Broadway at its "Broadwayish" worst, when it is not even honest with itself, much less the audience.

—Michael Hall '57

### reviews

#### Intercollegiate Band Concert

Last Sunday afternoon the New England Intercollegiate Band, including seventy musicians from seventeen New England Colleges put on a performance which was as near perfect as could possibly be asked.

The program consisted of twentieth century compositions written originally for band. The Toccata Marziale, by Ralph Vaughan Williams, was, in this reviewer's opinion, next to the concerto, the finest work on the program. It has a powerful drive, and displays the instruments of the band both individually and in relation to one another. The performance was sharp and even, but a bit lacking in force.

Suite Francaise, a piece familiar to most band concertgoers, is a light, tuneful thing which is always pleasant to hear. Of the many performances of this work which this reviewer has heard, the one on Sunday was definitely the most competent.

Miaskovsky's Symphony Number Nineteen brought out the symphonic side of the modern concert band. This work was written for a Red Army Cavalry Band, and is typical of Soviet "peoples'" music in regard to its melodic and rather uncomplicated technical structure. It was unfortunate that Mr. Johnson felt it necessary to omit the second movement but the rest of the work evoked an excellent performance.

The high point of the concert was the concerto. This alone was well worth the admission. Robert Starer has composed a work which is remarkable in the way the solo piano so perfectly both fits in with the band and stands out against it. This work displayed sonorities and capabilities which one never knew existed. The performance was in every way superb. Mr. Bar-Illan played with the brilliance and sureness of the finest concert pianists. His technique is awesome, his tone pure and smooth. There was a vitality and an interpretive sense in his playing which caused the listener to become absorbed in the sound even if he perchance did not appreciate the composition.

The concert closed with a performance of Marche Baroque. This work is definitely not comparable to the other compositions on the program, lacking depth and contrast, and often being repetitive, but was selected because it provided a loud ending for the concert. With the exception of one rather messy trombone line, it enjoyed a good performance.

—Daniel B. Schneider '57  
Allen C. Langord '57

# Calendar Of Events

## WEDNESDAY, FEBRUARY 15

Freshman Swimming Team. Meet with St. George's School.

ALUMNI POOL, 3:00 P.M.

Mathematics Department. Colloquium. Speaker will be Professor F. I. Mauntner, Institute for Advanced Study, Princeton University. Tea in Room 2-290 at 4:00 p.m.

ROOM 2-390, 4:30 P.M.

Inter-Varsity Christian Fellowship. Meeting. Subject: "Consecrated Life." Professor Timothy Smith, Gordon Divinity School, Boston.

ROOM 10-280, 7:00 P.M.

## THURSDAY, FEBRUARY 16

Physics Department. Colloquium: "Properties of Matter at High Pressure and the Constitution of the Earth." Professor Gordon J. F. MacDonald, Geology and Geophysics Department. ROOM 6-120, 4:15 P.M.

American Chemical Society—Student Chapter. Lecture: "What Makes Flavor?" Mr. David Kendall, Senior Research Chemist at Arthur D. Little, Inc. ROOM 6-321, 5:00 P.M.

Lecture Series Committee. Film: "Laura." Admission, 30 cents.

KRESGE AUDITORIUM, 5:05, 7:30 and 9:30 P.M.

M.I.T. Railroader's Association. General meeting. Films, including one of Germany's mono-rail, will be shown. ROOM 5-120, 5:15 P.M.

Junior Varsity Basketball Team. Game with Wentworth Institute.

ROCKWELL CAGE, 7:00 P.M.

M.I.T. Staff Players. Monthly Supper Meeting. Playreading of "Agamemnon" by William Alfred. Supper in the Faculty Club at 6:30 p.m.

FACULTY CLUB PENTHOUSE, 8:00 P.M.

## FRIDAY, FEBRUARY 17

Mechanical Engineering Department. Seminar: "Photographic Methods in Mechanical Engineering." Mr. James H. Flanagan, Office of Naval Research, Boston. Coffee in Room 3-174, from 3:00-3:30 p.m.

ROOM 3-270, 3:30 P.M.

Order of DeMolay—M.I.T. Chapter. Installation of officers for spring term. LITTLE THEATRE, KRESGE AUDITORIUM, 7:00 P.M.

Freshman Hockey Team. Game with Lawrence Academy.

SKATING RINK, 7:30 P.M.

## SATURDAY, FEBRUARY 18

Rifle Team. Match with University of Massachusetts.

RIFLE RANGE, 2:00 P.M.

Varsity Squash Team. Match with Trinity College.

SQUASH COURTS, 2:00 P.M.

Freshman Squash Team. Match with Trinity College.

SQUASH COURTS, 2:00 P.M.

Varsity Swimming Team. Meet with Trinity College.

ALUMNI POOL, 2:00 P.M.

Varsity Indoor Track Team. Meet with Northeastern University.

ROCKWELL CAGE, 2:00 P.M.

Freshman Indoor Track Team. Meet with Northeastern University.

ROCKWELL CAGE, 2:00 P.M.

Freshman Wrestling Team. aMtch with U. S. Coast Guard Academy.

ROCKWELL CAGE, 2:00 P.M.

Freshman Swimming Team. Meet with Worcester Junior College.

ALUMNI POOL, 3:30 P.M.

Varsity Wrestling Team. Match with U. S. Coast Guard Academy.

ROCKWELL CAGE, 3:30 P.M.

Freshman Basketball Team. Game with Wesleyan University.

ROCKWELL CAGE, 6:30 P.M.

Informal Dance Committee. First dance of the term.

MORSS HALL, WALKER MEMORIAL, 8:00 P.M.

Varsity Basketball Team. Game with Wesleyan University.

ROCKWELL CAGE, 8:15 P.M.

## SUNDAY, FEBRUARY 19

M.I.T. Humanities Series. Concert: Juilliard String Quartet, playing Haydn, Bartok, and Beethoven. Tickets at \$1.50 (student price: \$1.00) are available in Room 14-N236 and at the door.

KRESGE AUDITORIUM, 3:00 P.M.

## MONDAY, FEBRUARY 20

Technology Dames. Bi-Monthly Meeting. Speaker will be Professor John E. Arnold, Mechanical Engineering Department. Wives and mothers of M.I.T. students are invited. ROOM 3-370, 8:00 P.M.

M.I.T. Choral Society. Concert with members of the Boston Symphony Orchestra, Klaus Liepmann, conducting. Program: Apparebit Repentina Dies by Hindemith, and Ein Deutsches Requiem by Brahms. Soloists: Helen Boatwright, soprano, and John Hornor, bass-baritone. Tickets at \$1.50 and \$2.50 are available in Room 14-N236.

KRESGE AUDITORIUM, 8:30 P.M.

## TUESDAY, FEBRUARY 21

Food Technology Department. Food Industry Seminar: "The Applications of Materials Handling in the Food Industries." Mr. Nathaniel Warshaw, Manager of aMaterials Handling Division, Market Forge Company, Everett, Mass. ROOM 16-310, 2:00-4:00 P.M.

Mathematics Department. Continuum Mechanics Seminar: "Plastic Stress Concentration around a Hole in a Plate in Tension." Professor E. Budiansky, Harvard University. ROOM 2-229, 3:00 P.M.

Whirlwind Digital Computer. Open House. Movie and demonstrations of the Computer. For reservations, call Miss Georgi aNagle, (Ext. 3711).

BARTA BUILDING, 5:00 P.M.

Junior Varsity Basketball Team. Game with Burdett College.

ROCKWELL CAGE, 7:30 P.M.

## WEDNESDAY, FEBRUARY 22

Order of DeMolay—M.I.T. Chapter. Stated Meeting. Refreshments will be served. HAYDEN LIBRARY LOUNGE, 7:30 P.M.

## WMIT

The call letters of M.I.T.'s undergraduate radio station will be changed on February 26 to WTBS (Technology Broadcasting System).

## M.I.T. DEBATE TOURNAMENT

At the 11th Annual M.I.T. Debate Tournament on February 17 and 18 students from more than thirty New England colleges and universities will discuss the question: "Resolved: That the non-agricultural industries should guarantee their employees an annual wage." The semi-final and final rounds will be held in Kresge Auditorium on Saturday, February 18 at 2:30 and 4:00 p.m. The tournament is sponsored by the M.I.T. Debating Society.

## CALENDAR OF EVENTS

The Calendar of Events is distributed to the staff through the Institute mails each Wednesday, with announcements for the following eight days. Notices should be in the editor's office, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of February 22-29 is due February 16.

## Choral Society Program Monday To Include Brahms, Hindemith

Under the direction of Klaus Liepmann, the MIT Choral Society with 42 members of the Boston Symphony Orchestra will perform "Apparebit Repentino Dies," a recent work by Paul Hindemith, and "Ein Deutsches Requiem" by Brahms at 8:30 p.m. on Monday, February 20, in Kresge Auditorium. Soloists for the Requiem will be Helen Boatwright, soprano, and John Hornor, bass-baritone.

Mrs. Boatwright, presently in New Haven, Conn., where her husband is a member of the Yale music faculty, sings in concerts, operas, and oratorios throughout the country. Mr. Hornor has had a distinguished career at the New England Conservatory of Music, where he is currently working towards his Artist's Diploma. He is also bass soloist at Trinity Church, Boston.

Commissioned by the Music Department of Harvard University, Hindemith's "Apparebit Repentina Dies" was first performed at the Harvard Symposium on Music Criticism in May, 1947, by the Collegiate Chorale of New York, Robert Shaw conducting. The work is based on a medieval Latin text describing, with awesome solemnity, the Last Judgment.

The first public hearing of the Re-

quiem took place in Vienna in 1867 with a performance of three of the seven movements. The first and second were politely received, the third followed by a burst of hissing partly occasioned by an over-enthusiastic drummer who all but drowned out orchestra and chorus. Then in April of 1868 the first six movements were played in Bremen to an audience of 2000 which included, among others, Joachim, Mme. Schumann, Max Bruch, and Albert Dietrich.

The Brahms Requiem was last presented at MIT in 1952. In contrast to the earlier performance in which an English text was used, the Requiem will this time be sung in German. Helen Boatwright, soprano soloist in the Requiem, will also sing the soprano solo for a performance of Honegger's "King David," to be given at MIT on April 15.

Among Boston Symphony players who will assist in the coming performance are George Zazofsky, violin; Joseph de Pasquale, viola; Doriot Anthony Dwyer and James Pappoutsakis, flute; Fino Cioffi, clarinet; Sherman Walt, bassoon; James Stagliano, horn; and Roger Voisin, Trumpet.

Tickets are available at \$1.50 and \$2.50 in Room 14-N236.

## Bridge Club To Hold Individual Tourney; National Title Play

The MIT Bridge Club held its first meeting of the term Saturday, February 11.

Besides holding Master Point contests once a month, the club will sponsor three other important events during the term. On Monday, Feb. 20, MIT enters the National Intercollegiate Championship, with all undergraduates invited to compete.

Two days later, on Feb. 22, twenty-five players will be invited to participate in the Individual Championship to determine officially the first-ranking player at MIT.

## 14.90-New Political Science Course To Be Presented To Sophomores

Professor Norman J. Padelford, Chairman of the interdepartmental Steering Committee on Political Science, announced Wednesday that the members of that group will present a new sophomore-level subject, numbered 14.90 and entitled "Politics, Government, and Technology," will be taught cooperatively by Professors Padelford and Pool of the Department of Economics and Social Science and Professors Deutsch and Baer of the Humanities Department. Professor Padelford said, "We will examine the connection between differing levels of technology on the one hand and variant systems of political institutions on the other, with particular reference to the interplay between rates of technological change and new developments in the process of reaching political decisions."

Under the leadership of Professors Deutsch and Pool, the first six weeks of the term will be devoted to an ex-

## Fellowships Available For Study In Germany, Austria, Switzerland

Competition is open for an award given by the Germanistic Society of America and for other fellowships for German study.

In addition to the Germanistic Society grant to be given a future teacher of German, two fellowships are being offered by the Free University of Berlin, and by the Deutscher Akademischer Austauschdienst. These awards are open to American graduate students for study in Germany during 1956-57.

The Germanistic Society is offering one \$1200 award to a prospective teacher of German. It is good for

one year of study in the field of German language and literature at a West German institution of higher learning. Candidates must be American-born and educated, preferably unmarried and under 30.

The Free University of Berlin offers two awards which include tuition and a stipend which should cover most maintenance costs.

The Deutscher Akademischer Austauschdienst (DAAD) is expected to offer ten fellowships for study at the universities and institutions of higher learning in the Federal Republic of Germany. Candidates must be unmarried. Through the DAAD American students may also apply for ten awards in arts and music open to candidates from all parts of the world. Only outstanding candidates with one year of graduate work or its equivalent are advised to enter this world-wide competition.

Opportunities for American graduate students to study in Switzerland during 1956-57 have been made available by Swiss universities and societies and by the American-Swiss Foundation for Scientific Exchange.

The Universities of Basel, Bern, Geneva (including the Graduate Institute of International Studies), Lausanne, Neuchatel, and Zurich; the Federal Institute of Technology, Zurich; and the School of Economics and Public Administration, St. Gallen; offer tuition grants. These will be supplemented by stipends given by the Swiss educational institutions and societies under the Swiss American Student Exchange. The grants were established in 1927 in appreciation of those given by American colleges and universities for Swiss students.

The American - Swiss Foundation for Scientific Exchange offers one or more grants for advanced research in the natural and medical sciences. Candidates must hold the PhD or MD degree by date of departure. Application is open to men and women, preferably under 35 years of age. Fields of study open to American students in Switzerland include architecture, chemistry, engineering, geology, physics, international law, economics, banking and insurance, as well as language and literature.

Three fellowships for graduate study in the Netherlands during 1956-57 are available. Each award

(Continued on page 8)

ELI LILLY AND COMPANY will have representatives on the campus February 23 and 24 for the purpose of interviewing June graduates in the following fields:

- Chemistry
- Economics
- Bacteriology
- Microbiology
- Marketing
- Engineering (Mechanical, Industrial, and Chemical)

Those interested should register at the placement office.

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corner of Commonwealth Avenue known as

The Frank and Marion Lawless

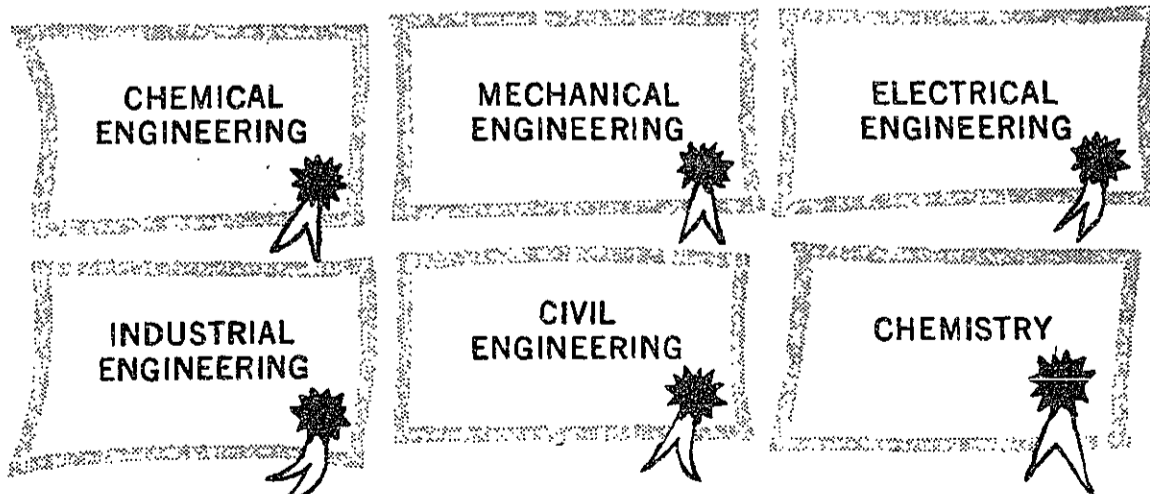
Wonderful home made Bread like your Grandmother made and delicious desserts They are all owned and operated by Frank and Marion Lawless, who have the famous Carriage House on Cape Cod in North Falmouth

OPEN SUNDAYS

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Representatives of The Goodyear Tire & Rubber Company will be here on the date shown below to interview Seniors who will receive B.S. or advanced degrees in the following fields of technical study:



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Goodyear representative will be here on  
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Mechanical Engineering	x	x	x	x	x
Ceramics Engineering			x		x
Chemical Engineering	x		x	x	x
Civil Engineering	x			x	
Electrical Engineering	x			x	
Engineering Physicists				x	x
Physicists				x	x
Fuel Technologists	x				x
Industrial Engineering	x	x		x	
Metallurgical Engineering	x	x		x	x
Metallurgists	x	x		x	x
Business Administration and Engineering	x			x	
Chemists				x	x
Nuclear Engineering				x	x

All you need is background in one of the fields listed in the left-hand column above and a pencil to check the activities you want to talk about when the B&W representative appears on your campus. He'll be there on the date shown above.

He wants to see you.



161 East 42nd St., N. Y. 17, N. Y.

## French Students Form New MIT Activity, L'Amitie

The French students and the Friends of France, its civilization, and language will be pleased to learn that a long felt need for a French-Organization at MIT is now a tangible reality. The increasing number of French or French speaking members of the MIT community in the recent years had made this Organization a must.

The whole idea sprang three months ago from one of MIT's French students: Jean Paul Dreyfus '56. Jean Paul also gave it the first nursing cares, but, about to graduate, has relinquished further responsibilities to a board of four students, elected in one of the meetings already held. A Constitution has been drawn, voted upon and accepted by the Activities Council. The three main goals of the Organization are:

- 1—Relations with American students at MIT,
- 2—Cooperation between French students at MIT,
- 4—Help to the French students planning to come here for studies.

As a first activity "L'Amitie" will hold an Open House on Thursday, February 16, in room 2-290. Every MIT student who is interested in meeting some French people, going to France or speaking French is cordially invited to come. More activities will follow, including projection of movies about France, discussions, talks or simply some very informal get-togethers.

## Student Engineers Eligible To Compete In \$1,000 Contest

A \$1,000 Cash Award Contest for new application ideas for thin-gauge and/or high-precision tolerance stainless steel strip is open to students in design and engineering schools.

Thirty-one separate cash awards will be made in the Contest which closes midnight, May 31, 1956. First prize is \$350.00.

The Contest was initiated to stimulate the invention of new uses for stainless strip in thicknesses from 0.004" to 0.005"—or in any thickness where the design of the product or part requires thickness tolerances as close as plus-or-minus 0.0001". Widths in either category may vary from 1/16" to 7".

Complete information as well as entry blanks may be obtained from Awards Director, American Silver Company, 36-07 Prince Street, Flushing 54, New York.

## IPC Travel Program New Staff Pension Plan To Feature Improved Benefits

The International Program Committee will sponsor a Lecture and movie today in 10-250. The subject of the film will be student summer travel in Europe. The show will start at 5:15 p.m. and the admission is free. All are welcome.

A representative from the National Student Association will be present to answer questions on travel in Europe. The NSA conducts tours through Europe and can arrange for private tickets and boat reservations for those who wish to see Europe on their own.

## Suggest Pre-Meds Take May MCAT

Princeton, N. J., January 16: Candidates for admission to medical school in the fall of 1957 are advised to take the Medical College Admission Test in May, it was announced today by Educational Testing Service, which prepares and administers the test for the Association of American Medical Colleges. These tests, required of applicants by almost every medical college throughout the country, will be given twice during the current calendar year. Candidates taking the May test, however, will be able to furnish scores to institutions in early fall, when many medical colleges begin the selection of their next entering class.

Candidates may take the MCAT on Saturday, May 5, 1956, or on Tuesday, October 30, 1956, at administrations to be held at more than 300 local centers in all parts of the country. The Association of American Medical Colleges recommends that candidates for admission to classes in the fall of 1957 take the May test.

The MCAT consists of tests of general scholastic ability, a test on understanding of modern society, and an achievement test in science. According to ETS, no special preparation other than a review of science subjects is necessary. All questions are of the objective type.

Application forms and a Bulletin of Information, which gives details of registration and administration, as well as sample questions, are available from pre-medical advisers or directly from Educational Testing Service, 20 Nassau Street, Princeton, N. J. Completed applications must reach the ETS office by April 21 and October 16, respectively, for the May 5 and October 30 administrations.

Under a change in by-laws, recently approved by members of the MIT Pension Association, members of the staff will receive greater and improved benefits.

Pensions for those members retiring on or after next June 30 will be substantially increased, and provision is made for death and disability benefits over and above such benefits accruing from the Institute's group life insurance plan. Under the new plan, members will continue to contribute 5 per cent of their salaries, while the Institute will increase its contribution to the Pension Fund from the present 5 per cent to 11 per cent of the members' salaries. Provisions are also made to permit members of the Pension Association to name a beneficiary and under certain circumstances it will also be possible for members to retire before the mandatory age of 65 on an adjusted pension basis.

## DeMolay And Priory To Install Officers In Auditorium Friday

MIT "Tech" Chapter and the University Chapters Priory, Order of DeMolay, will hold a joint Installation of Officers on Friday, February 17, at 7:00 p.m., in the Little Theatre of Kresge Auditorium. "Tech" Chapter has the distinction of being the first chapter of the international young men's group to be organized on a college campus. Since its inception in 1953, it has made an impressive record in the DeMolay world. The Priory, again the first of its kind in the world, is made up of DeMolays attending colleges in the Boston area. Sponsored by Masonic bodies throughout the country, DeMolay tries to create leaders and develop character in young men through fellowship, social activities, and community service projects. Alan May '57 will be installed as Master Councilor of "Tech" Chapter, and Ric Schonblom '56 will be installed as Illustrious Knight Commander of the Priory. The public is cordially invited.

### SELECTIVE SERVICE TEST

The Selective Service College Qualification Test will be given on April 19, 1956. The dead-line for applications is March 5, 1956. Applications are available in room 14-S136.

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On campus for interviews  
 Thursday, February 16, 1956

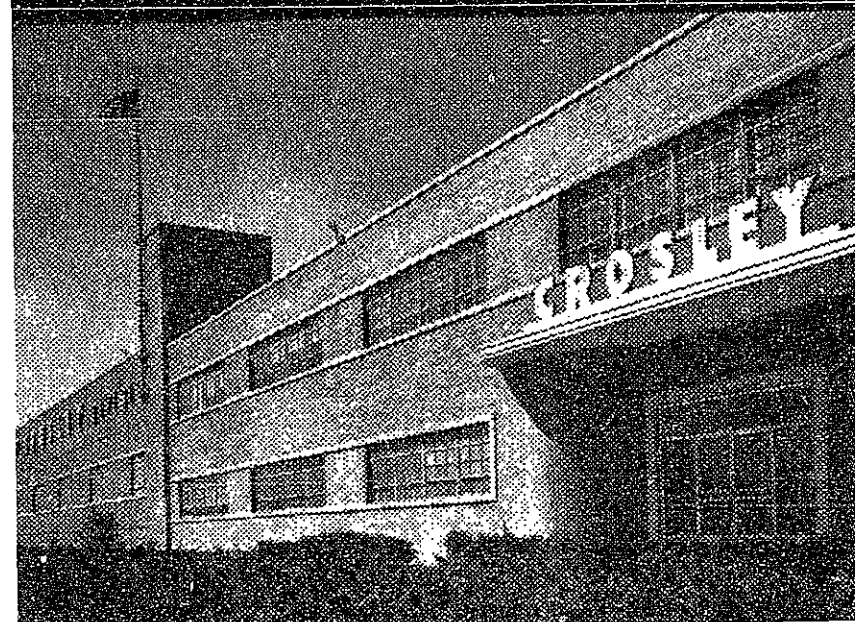
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B.S., M.S., and Ph.D. candidates in Mechanical, Aeronautical, Electrical and Electronic Engineering, Physics and Mathematics may schedule interview appointments through your placement office.

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CAMPUS INTERVIEWS FEBRUARY 15-16, 1956

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### the bush leaguer

by John McElroy '59

The intramural hockey season is fast drawing to a close. With the finals coming up around the twenty sixth of this month, many league standings are still undecided.

The Grads lead league 1 with a 4-0 record. The Baker House pucksters are running second with a 2-0 record. A crucial game will be played this Wednesday between two teams which might well decide the final standing in this league. Theta Chi is leading league 2 with a 4-0 record. Sig Phi Ep is holding second position, having won 3 and losing none. SAE is at the top in league 4 action. SAE has a 3-0 record, Burton holds second place having taken 2 and losing none. Sigma Chi is on the top of league 4. They are going into their last two tough contests with a 3-0 record. The Betas and Phi Kappa Sig are tied for second position, both having won two games and losing one.

After the intramural hockey finals an all star team will be chosen, consisting of about 13 players. This squad will scramble with the MIT Freshmen hockey team. They will play using the regular hockey rules and equipment.

All star teams have also been selected from the intramural basketball leagues. They will play the JV and Freshman Hoopsters this month. In March the intramural all star basketballers are scheduled to play the intramural stars from BU and

Tufts.

The names of the MIT intramural all stars, listed in alphabetic order as follows:

- Guards:  
 Tom Comparato '56...Sigma Alpha Epsilon  
 Joe Leitgeb.....Graduate House, A team  
 Al Richman '57.....Theta Chi, A team  
 Earl Snyder.....Meteorology Laboratory  
 John Stelling '56.....Alpha Tau Omega
- Forwards:  
 Warren Goodnow '59.....Beta Theta Pi  
 Dave Larson '58.....Delta Upsilon  
 Ken Meliere '56.....East Campus  
 Dave Silverstein '56.....Pi Lambda Phi  
 Rolf Wetzell '56.....Burton House
- Centers:  
 Bill Erman.....Graduate House  
 Bob Kersey '57.....Beta Theta Pi  
 Dick Steigerwald.....Meteorology Laboratory  
 John Irwin '58.....Phi Gamma Delta

Intramural bowling finals began Monday, February 13. They will be run in a robin style, each team playing the other. The finals are:

- League 1.....5:15 Club  
 League 2.....Sigma Phi Epsilon, A team  
 League 3.....Delta Tau Delta  
 League 4.....Graduate House  
 League 5.....Alpha Tau Omega  
 League 6.....Sigma Phi Epsilon, B team

Intermural badminton finals were captured hands down by the Graduate House squad. The Grads won five matches in the finals, and dropped none. Second place was a three way tie between Sigma Alpha Epsilon, Theta Chi, and Baker House A team.

The entries to the Jack Obla Segall Memorial Farse have been so enthusiastic that the staff has decided to extend the date for entrants to this memorable contest to February 19. All entries may be sent to John Irwin c/o The Imperial Hotel, and Baker Box 119, in addition to the address listed in the February 10 edition of THE TECH.

Winners will be published in the March 6 or 9 issues of THE TECH, and will be promptly notified by the Institute Mail System.

## Beaver Hoopsters Defeat Stevens 64-58; Final Twenty Seconds Decides The Game

An excellent full court press combined with a fourth-quarter rally by the visitors once again provided the fans assembled in Rockwell Cage with some exciting action and resulted in another victory for the Engineer basketball team, as they dropped a strong Stevens quintet by a 64-58 count last Saturday night. Stevens pressed throughout most of the game and dominated floor play, but the extra fouls that it cost them enabled the winners to drop through the six point margin on free throws. Dee Vergun '56 once again led the winners with 22 points followed by Mac Jordan '58 with 19 and James Blue of the losers with 18.

The Beavers hit 21 out of 55 shots for an excellent 38.2% average while Stevens netted only 21 out of 74 for 28.4%. The 22 out of 39 free throws for MIT to 16 out of 27 for Stevens with a slightly lower average but the edge in the important points.

### Vergun Opens Scoring

Vergun opened the scoring after a minute of play with a jump shot and a hectic first quarter followed. The score was knotted 5 times with both teams taking brief leads before Jordan dropped through two beautiful hooks to send the Engineers out in front to stay 18-16 with thirty seconds gone in the second period. Phil Platzman '56, who came out of his slump to turn in his best performance of the year, followed with a driving layup and the



Hallee up for a rebound in 64-58 victory over Stevens

gap began to widen. With Platzman and Vergun controlling both boards and Vergun and Larry Hallee '56 hitting a hot streak, the lead stretched to 35-25 with a minute remaining in the half. A tip and a foul shot pulled Stevens to within 7 points with nine seconds remaining but Jordan hit a beautiful driving hook as the gun sounded and the Beavers left the floor

with what seemed to be a comfortable 9 point lead.

### Hold Big Lead

Platzman opened second half scoring with a jump shot and Vergun followed with another. Jordan dropped through two free throws and the Engineers had jumped to a 43-28 lead before Stevens could score. After an exchange of buckets Stevens called time and slapped on a tight full court press with 12 minutes remaining in the game. Coach Scotty Whitelaw juggled his men several times in an attempt to break the defense but was not too successful. The winners missed several important free throws and with five minutes remaining the lead had dwindled to 56-48. Jordan dropped through a jump shot, but three field goals and two foul shots brought the score to a tight 58-56 with 1:35 remaining. The Beavers freeze Vergun was fouled with less than a minute remaining. He hit both shots to increase the lead to four, and followed with aggressive defense to tie up the ball on the ensuing downcourt play. In the scramble that followed Vergun was fouled but missed the first shot and Stevens had the ball again. A tip shot with 21 seconds narrowed the gap to 60-58 but the press was finally broken and Vergun drove through for a layup. A fumbled ball on the inbounds play gave John Patierno '56 a layup as the gun went off.

Box Score:

MIT		STEVENS				
	FG	FTA	FT	F	TP	
Jordan f	7	10	5	2	19	
Platzman	2	5	2	1	6	
Hallee f	4	3	2	2	10	
Vergun c	6	16	10	4	22	
Benson g	1	3	1	1	3	
Larson	0	0	0	0	0	
Patierno g	1	2	2	1	4	
Matsuo	0	0	0	2	0	
	21	39	22	13	64	

Walker f	1	5	1	5	3
Mawe	4	2	1	0	9
Callahan f	4	2	2	1	10
Cutting	2	2	1	4	5
Morgan c	2	2	2	5	6
Rodoupolos	0	2	1	2	1
Govette g	2	0	0	4	4
Martiniell	1	0	0	1	2
Blue g	5	12	8	4	18
	21	27	16	26	59

## Wrestlers Stop BU Win 6 Of 8 Matches First Pin For Boese

MIT's wrestlers picked up their second win of the season when they beat a surprisingly strong Boston University squad 18-6. The terriers won only two matches last Saturday afternoon, Tech winning with two pins, three close decisions and a forfeit.

Bob Boese won his first match this year when he put Don Ray's shoulders to the mat for two seconds at 5:27 starting the engineers off with a four-point lead. Ray Ortier '58 increased this to 6-0 with an easy 5-1 decision.

The terriers scored first in the 137-pound class when Pete Magyar '57 dropped a 3-3 time advantage. Time advantage tipped the scales the other way in the 147's, Harris Hyman '58 beating Fred Jelleme 5-4. Captain John Hirschi '56 agitated at a warning for offensive stalling in the first period wasted no more time as he turned his man over for a fall as the round ended.

Jim Evans '56 replaced Mike Brenner at 167 pounds and was thrown around the mat and pinned with one second remaining.

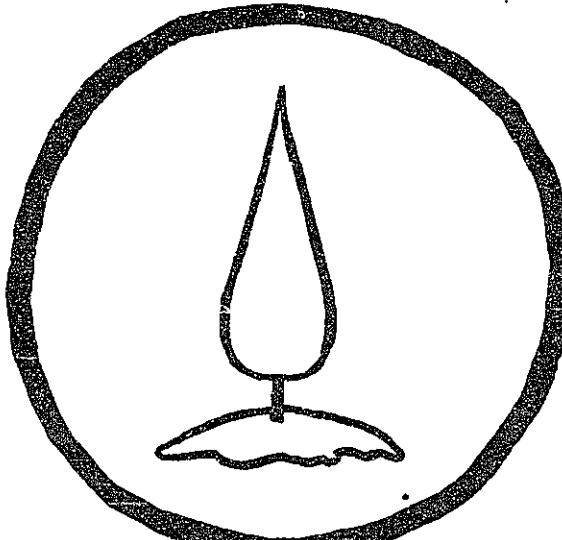
The final bout of the afternoon proved to be the closest with Tony Vertin '57 fighting to overcome a six-point deficit. Bill Thurston, the scarlet 177-pounder took Vertin down twice in the first period and scored again on a near fall. Vertin came back in the second and third periods with a couple of near falls to completely dominate the match and finally win on time advantage.

The grapplers have two more meets at home, Coast Guard and Dartmouth on the next two Saturday afternoons in preparation for the New England Intercollegiate March second and third in Rockwell Cage.

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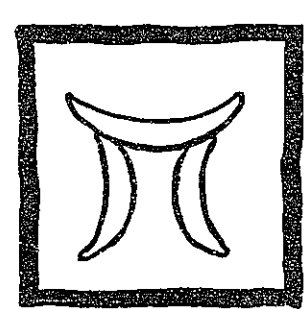


WHAT'S THIS?  
For solution see paragraph below.



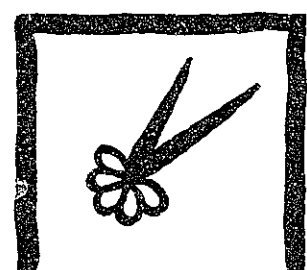
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DROODLES, Copyright 1953 by Roger Price

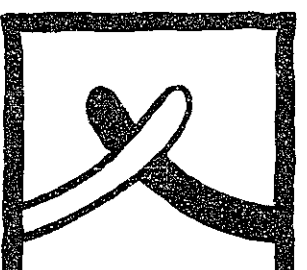


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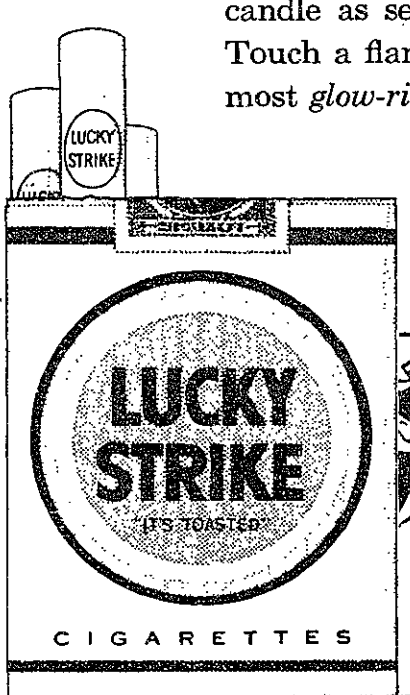
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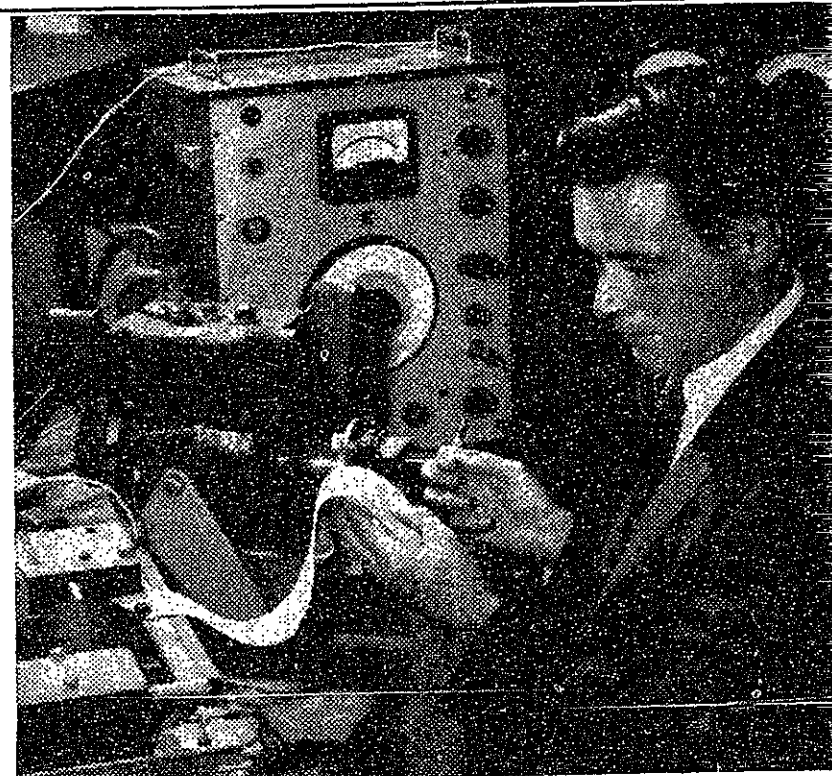
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See the Placement Bureau for Interview Appointment on FEBRUARY 14, 15, and 16



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CAMPUS INTERVIEWS ON: **Feb. 23**

## THE LOGARYTHMS

PROFESSIONAL M.I.T. OCTET,

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Auditions will be held in the Baker House Music Room,

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If you enjoy singing, here is your opportunity to become part of an established, well-known vocal group.



OR

(Who's Trying to Confucius?)

Many moons ago . . . around 600 B. C. . . . there was a barkeep named Draw Wun in a little bistro off Times Square in Shanghai. Now this character's cashbox was loaded with loot, as Wun served up the greatest brew that side of the Yangtze.

"Murder," said Wun, one p. m. near 9 as the cats were clamoring for more beer, "I'm getting all shook up trying to keep gung-ho on the tap, take the cash, and figure out the change. I don't dig that math."

The beer Wun was crying in belonged to a calculus prof from the local U.



"Gad, Dad," sympathized the math man, "keep cool. I'll think of something. You can count on it."

So the prof rickshawed home and took a bath. Soon he was heard to shout, "Eureka!" (in Chinese, of course). He had solved the problem by inventing the abacus.

Next day he brought in a counting gizmo made of bamboo and cranberries. With this mechanical brain, Wun was able to introduce the time-payment plan, because one day a patron and Wun did this bit across the mahogany:

"I have a yen for two cold ones to go," said the customer.

"Sorry, friend, we don't accept Japanese currency," Wun lunged.

"I'm flat, cat," came the reply, "got a suggestion?"

Whereupon Wun played a few fast notes on his abacus, figured the terms of a loan for two beers and said, "Borrow one and carry two" . . . two terms still used in modern mathematics.

So you can see that's how Wun got a charge out of his abacus.

MORAL: When it comes to mathematics, you can count on an abacus if you want to. But when it comes to beer, figure on Budweiser. It's the best draught beer any side of the Yangtze. You can count on it.

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## Pucksters Drop 5-1 Contest To Princeton Despite Aitken's Excellent Play In Goal

Goalie Sandy Aitken '56 has shone for two seasons in the MIT nets, usually in a losing cause, but never was he as outstanding as last Friday night when he stopped 63 shots from a Princeton team which was easily the best opposition the icemen will face this year. The fact that five goals were scored by the Tiger five in no way detracts from Sandy's performance for in most cases he had come out to make an impossible save only to be in no position for a chance on the rebound. The final score of 5-1 shows the great defense

play as the Nassau sextet was as many as 16 goals better than Tech by comparative scores. Not only did the Beavers play their best hockey of the season, but they did so at great disadvantage. The second line of Schwartz, Bachman, and Sherbrooke played together for the first time, and lack of practice during the previous week due to bad weather left the team in poor shape for the game which was played in a hot arena with poor ventilation. The three Tech defencemen Jim Coult, Jim Royer, and Paul Ekberg turned in an outstanding performance that had MIT in striking position until well justified weariness caught up to the team with five minutes left in the game.

Tech hung on for the first fourteen minutes of play in the last period, but condition and the slickness of the ice finally showed. Capt. Dick Scragg got his second goal of the evening for the Tigers at 14:34 and Larry Butsch ended the scoring at 16:37 with a goal scored while a Princeton man was in the nets, legal only because Aitken was out of the crease, having just stopped a hard shot. At the close of the game Aitken again received a large well earned ovation from the crowd.

## Squash Team Loses To Princeton 8-1; Hermosilla Winner

Playing without Walter Stahl for the first time in three years, the varsity squash team took a trouncing from a well-balanced Princeton team. The loss of Stahl, for two years the Summersmen's number three man, forced the already thin lower part of the Engineer line-up to play one position higher than before.

Only victor for Tech was Juan Hermosilla '57, playing in the number one position. He ran off a 15-9, 15-11, 15-11 win. Usually a deadly marksman, Hermosilla had an off day. Many of his shots found the tin and his corner shots were often too high to be damaging.

Princeton 8 MIT 1  
 Hermosilla (T) d. Van Riper (P) 15-9, 15-11, 15-11  
 Evans (P) d. Cohen (T) 15-8, 10-15, 15-12, 15-9  
 Farrin (P) d. Thomas (T) 10-15, 11-15, 15-11, 15-12, 15-8  
 Gardner (P) d. Hahn (T) 15-9, 15-7, 15-12  
 Mack (P) d. Mendes de Leon (T) 15-8, 15-10, 15-11  
 Hammes (P) d. Vinson (T) 15-8, 15-7, 15-4  
 O'Connor (P) d. Bateman (T) 17-15, 18-15, 15-11  
 Ledwith (P) d. Hough (T) 15-10, 15-8, 15-10  
 Lehman (P) d. Griffin (T) 15-7, 18-17, 15-4

Princeton's high scorer Harry Rulon-Miller started the scoring at 1:54, but for the rest of the period Aitken stopped twenty-one shots to gain an ovation from the partisan Princeton crowd. He had his "easiest" period in the second frame, having to make "only" 20 saves. The Tigers scored at 11:24 and 17:34 to take a 3-0 lead, but Gus Schwartz '56 came back at 18:23 to score MIT's only goal of the night.

## St. Sebastian Drops Yearling Pucksters

Playing at home last Friday, the MIT freshman hockey team was defeated by St. Sebastian 5-1. Despite the loss the team looked far better than in earlier contests. Even though the frosh are forced to practice at seven in the morning, their improved play indicates that they will be a valuable addition to the Varsity next year.

Penalties were a major factor for St. Sebastian as Tech played most of the first period with one or two men off the ice. As a result St. Sebastian jumped into a 3-0 lead. Play settled down in the second period, but defensive lapses cost Tech two more goals as the visitors scored on quick breakaways. The Beaver's play improved in the final period with Al Hobart finally hitting the nets from right in front.

## Record To Morefield Relay Team Places In NYAC Contests

John Morefield '56 continued his record breaking pace and the mile relay team turned in its best time of the season as the MIT track team competed in the annual New York Athletic Club meet in New York last Saturday.

Morefield put the shot 52 feet, eight and three-quarters inches, eclipsing his previous school record by eleven inches and gaining him fourth place behind some of the nation's top weight men. First place went to Parry O'Brien, world's record holder, with second and third going to Ken Bantum and Al Thompson. Only last week Morefield had heaved 51' 9 3/4" to set a new NEAAU meet record and break the school record of 49' 8" which he held.

The mile relay team placed fourth behind Tufts, Brown, and Lafayette but bettered their old time by 1.5 seconds. Their time was 3:29.6 as compared with the winning time of 3:26.6 and the third place time of 3:28.5. Roxy Ernsberger '58, Bill Duffy '58, Ed Bell '58, and Dick Murdoch '58 composed the team.

### RUGBY

The MIT Rugby Club will hold its first meeting of the Spring season Tuesday, February 21, 1956 at 5:00 p.m. in Room 1-203. Movies of last fall's Montreal game will be shown. All men interested in trying out for the team this spring are cordially invited.

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**Fellowships**

(Continued from page 3)

carries a cash stipend of 2,250 guilders, enough to cover room and board expenses for the academic year. Tuition fees are waived. Grantees should have funds to pay their own travel and incidental expenses. The fellowships are open to men and women, preferably under 28 years of age.

Fields of study open to American students in the Netherlands include Dutch language and linguistics, Dutch history, Sinology, history of art, archaeology, technical and natural sciences, economics, business administration, and agriculture.

Four scholarships for graduate study in Austria during 1956-57 are offered to American students by the Austrian government.

The scholarships include eight monthly stipends of 2,600 Austrian schillings (approximately \$100), enough to cover room and board as well as tuition and incidental expenses. One travel payment of 1,400 Austrian schillings (approximately \$55) will be offered to each of 41 award winners. Grantees will be responsible for all other expenses, including round trip travel. Applicants may, if eligible, apply for Fulbright travel grants to cover the costs of international travel.

The awards may be used for study at an Austrian university or institution of higher learning in all fields, including history, social sciences, language, literature, and other liberal arts subjects.

The Danforth Foundation, an educational trust fund in St. Louis, Missouri, invites applications for the fifth class (1956) of Danforth Graduate Fellows from college seniors and recent graduates who are preparing themselves for college teaching, and are planning to enter graduate school in September, 1956, for their first year of graduate study. The Foundation welcomes applicants from the areas of Natural and Biological Sciences, Social Sciences, Humanities and all fields of specialization.

The maximum annual grant for single Fellows is \$1800; for married Fellows, \$2,400 with an additional stipend for children. Students with or without financial need are invited to apply. A Danforth Fellow is allowed to carry other scholarship appointment, such as Rhodes, Fulbright, Woodrow Wilson, Marshall, etc., concurrently with his Danforth Fellowship, and applicants for these appointments are invited to apply at the same time for a Danforth Fellowship. If a man receives the Danforth Appointment, together with a Rhodes Scholarship, Fulbright Scholarship, or Woodrow Wilson Fellowship, he becomes a Danforth Fellow without stipend, until these other relationships are completed.

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**Skiers Take Keane Top To Schwaegler First In Conference**

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MIT's Dick Schwaegler '57 won the individual trophy, having placed first in both the downhill and slalom contests. Eric Bodtker '57 took fourth position, and Terje Backe '56 finished eighth.

Having first in this meet, the MIT snowmen skiers are now on the top of the New England Conference. BU is presently holding down second place in the league. This coming week-end the Tech snowmen will try to keep up their record; teams having been entered in both the Middlebury Carnival and in the Tufts Invitational Meet.

**AA**

(Continued from page 1)

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**Fellowships**

(Continued from page 7)

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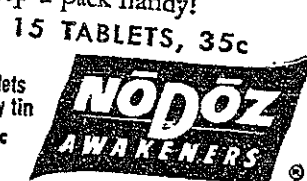
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