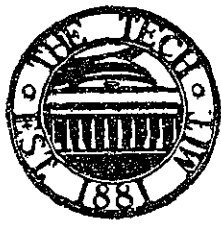


The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LXXVI NO. 19

CAMBRIDGE, MASSACHUSETTS, TUESDAY, APRIL 24, 1956

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International Week

Student Discussion Group Planned

The foreign student here at the Institute, and his relations with the MIT Community, will receive a special emphasis next week—designated the Incomm as International Week. A varied educational and social program has been planned for the week of April 29 through May 6 including informal discussions between groups of foreign students and various living groups, Halls of Nations exhibits in the lobby of Building 7, and a series of speeches by eminent international personalities.

Frosh Council Talks Class Rings, Dance

For the past several meetings the Freshman Council has been concerned chiefly with two issues; the spring dance and class rings. Encouraged by the results of the highly successful "Date with an Angel" the Freshman Dance Committee, headed by Marty Zimmerman is planning the class's second big social event of the year, the "Freshman Ball." The dance, to be held in the Empire Room of the Hotel Bradford in Boston on Friday, May 11, will feature the musical stylings of Jack Edward's Orchestra, and during intermission, the Logarithms and the 54 Band. Tickets for the affair, limited in number, available only to Freshmen and their dates, are on sale now at \$2.00 a couple. The matter of class rings, which has long been left up to a ring committee, has been put into the hands of the class officers, and plans indicate that the same type of ring used by the Class of '57 will be used.

The speakers will be His Excellency Tran Van Chuong, Ambassador of Viet Nam to the United States; The Honorable Arthur Lall, Permanent Delegate to the United States from India; and Harold E. Stassen, Special Assistant to the President on Disarmament. (Recent developments related to the Russian visit to Great Britain may force Mr. Stassen to cancel his speech here.)

The discussion groups will each consist of five or six foreign students, probably representing as many different countries, who will spend an evening at a fraternity house or a dormitory lounge exchanging ideas with the residents. This is in line with the purpose of the week, as expressed by the International Week Committee, which is to aim for "closer contact between U. S. and foreign students and to stimulate enough interest to make possible a long-range program aimed at improving U.S.-Foreign student relations."

Letters have been sent out to each of the 600 graduate and undergraduate MIT students from other countries inviting them to join the discussion groups. In addition, women students from several colleges in the Boston area who are members of the International Student Center will participate in the groups. Virtually every fraternity house and all of the dormitories have expressed a willingness to play host. Several faculty members will probably entertain groups in their homes.

The discussion groups in general will not have any pre-determined topics. Participants will be encouraged to discuss any subject which interests them, controversial though it may be.

Six Billion Volt Accelerator Will Be Built In Cambridge By MIT, Harvard

MIT and Harvard University will jointly design, build, and operate in Cambridge a six billion volt electron synchrotron to be called the Cambridge Electron Accelerator. It will be devoted to basic research in the structure of matter. Its purpose is to push back the frontiers of man's knowledge of the particles within the nucleus of the atom. The work of the accelerator will be of general and fundamental scientific interest.

The new "atom smasher" will be built at a cost of about \$6.5 million with funds provided by the U.S. Atomic Energy Commission.

Following formal approval of an agreement between the Executive Committees of the Corporation of MIT and the Corporation of Harvard

University, the two institutions have formed a joint management committee to operate the project. Work on the detailed plans will begin immediately, and the machine will be completed in about four years at a tentatively selected site on Harvard property adjacent to its cyclotron. Dr. M. Stanley Livingston, Professor of Physics at MIT, will be the first director.

Design studies for a large electron accelerator have been underway by a group from the Physics Departments at Harvard and MIT for the past two years, supported in part by a joint program of the Office of Naval Research and the Atomic Energy Commission. On the basis of these studies, present plans for the Cam-

bridge Electron Accelerator call for a machine which will accelerate electrons around a circular path 236 feet in diameter.

"These electrons with 6 billion electron volts of energy," says Dr. Livingston, "will be used as missiles to produce nuclear disintegration or to generate high-energy X-rays used in turn to break apart nuclei."

The final design of the new machine will be carried out by a staff of about 30 scientists and engineers, including many of the members of the faculty and advanced students at both MIT and Harvard. When completed the machine will be available to all faculty members and research students at both institutions who wish to make use of its high-energy particles. In addition, its facilities will be open to qualified research workers from other New England educational institutions.

The new machine will be devoted to fundamental research in particle physics, according to Dr. Ramsey, Professor of Physics at Harvard. "It should make possible," he said, "important new knowledge of the structure of the individual particles which combine to form the nuclei of atoms. We hope to study the structure of individual protons and neutrons and the fundamental forces underlying this structure. In addition, we expect to produce new unstable forms of matter which have been observed in cosmic rays."

Many graduate students and some advanced undergraduates—as well as faculty members—are expected to use the machine. "In every way," said Dr. Ramsey, "this new machine will enrich the educational experiences of students in physics at both MIT and Harvard. This kind of training in the techniques of modern high-energy physics is one of the nation's critical needs."

Though the machine to be built in Cambridge will be, so far as is known, the highest energy accelerator of electrons, it will not be as powerful as the proton synchrotron now being built at the Brookhaven National Laboratory (Upton, Long Island, New York), which will accelerate protons to energies of 25 to 30 billion electron volts.

One-billion-volt accelerators of electrons are in operation at Cornell University (Ithaca, New York) and the California Institute of Technology (Pasadena).

Interfraternity Conference Meets; Supports Tom Clark Scholarship

The Interfraternity Conference met last Thursday evening at the Smith House.

Special guest at the meeting was Ben Bryant, chapter advisor of Phi Delta Theta, who is chairman of the chapter advisors committee. Mr. Bryant explained that the purpose of this committee is to serve as an information body and to act as liaison between the chapter advisors, the IFC, and the Institute.

The IFC voted to give its support in a fund-raising campaign to establish a scholarship that will perpetuate the memory of Tom Clark. The

campaign, led by members of Delta Kappa Epsilon, will be held during the second week of May.

The report of the Human Relations Educator, in which it was recommended that Phi Kappa be removed from the list of fraternities with restrictive clauses, was approved. It was felt that, although Phi Kappa membership is restricted to Catholic men, this restriction is different from the restrictive clauses of other fraternities. The IFC was in complete agreement that "the religious aspect of life within this fraternity makes it imperative that the membership be of this religion."

The TEP Club report on its third term of probationary membership in the IFC was accepted. Following this discussion was held on IFC policy with respect to colonization by new fraternities. The results of this discussion will be used by the Executive Committee in drawing up a motion to establish a more definite policy on this matter.

It was announced that the Institute is forming a program to help insure the survival of members of the MIT community in the event of an atomic attack.

Nominated for chairman of the Social Affairs Committee were Ben Chantry, Larry Boedeker, Tom Thomas, and Ron Zolkiewicz. The election will be held at the May meeting, and nominations will remain open until that time.

Leadership Conference Evaluated Execomm Hears The Tech Editor

An evaluation of the Exeter leadership conference was the principal item of business in the Incomm meeting last Wednesday evening. Once again the problems of communication, women students, and the Athletic Association were discussed and possible solutions offered.

The right of the AA to hold a seat on Incomm gave rise to the suggestion that an investigation be held to determine the responsibility of this association. No specific solutions to the problem of women students on the campus resulted from the conference, but suggestions were made that they press for a new dorm and wait for the publication of the Ryer Report.

The Tech was again discussed, and a recommendation was made that the

Executive Committee meet with a representative of the paper; this suggestion was followed up at the Execomm meeting Sunday night when Editor Jack Friedman 57 talked with the members of that group. He told of many "inherited problems," such as the lack of books and staff and personnel problems.

The recent smoker was described by Friedman as "moderately successful", and a press conference for student government and activity representatives was suggested. Friedman also brought out a possible plan for the paper to become a daily, and expressed his conviction that such a move, which would involve establishment of a printing plant, would not only be financially sound but would be a great asset to the Institute.

Baseball Team Tops BC 12-4, Lowell 6-4 Lightweight Crew Downed By Harvard

Turner, Auer Pitch Tech To Dual Wins

Rolling up two big wins over the past week, MIT's varsity baseball team moved into a tie for first place in the Greater Boston League.

MIT 12, Boston College 4
Bunching all their runs into three innings, the nine took their second straight win by beating Boston College for the first time in MIT history behind the pitching and hitting of Bob Turner. Bob got off to a bad start as Joe Russell, leadoff batter for the Purple Leaguers, hit a long home run to left on a two-one pitch. The next three men went down in order, however, and Tech struck right back with three in the second to take the lead. Once again the Engineers scored more runs than hits as walks to Walt Ackerlund and Angelo Perciballi, singles by Turner and John Sullivan, and an error put across three runs. BC added another run on two hits in the bottom of the second to make it 3-2.

The Engineers got three more in the fourth on walks to Perciballi and Turner, a base-clearing double by Ed Newhall and a single by clean-up hitter Larry Hallee. After going down in order in the fifth Tech pushed six big runs across in the sixth to defeat the score to 12-2. Turner started the barrage with a single and went to second on a sacrifice by Sullivan. Al Richman scored Turner on a single, went to second on a passed



Tech Batter Hits In Winning Weekend Play at Briggs Field

ball, and after Newhall had walked came home on a Hallee's single. Ackerlund walked and then Stu Ohlson doubled him and Hallee home. A single by Perciballi sent Ohlson home with the last run of the inning.

Tech threatened in the seventh when Richman got on through an error and Newhall and Speer singled, but Ernie Forgues, the third BC pitcher, got Ackerlund to ground out. Though BC scored twice more, the game had already been decided.

MIT 6, Lowell 4

Sophomore Ken Auer came on in the fourth to pitch five hitless in-

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JVs Win, Frosh Split In Season Openers

Taking to the water for their first race of the season, MIT's lightweight crew, last year's Henley Regatta champion, was edged out by a seasoned Harvard boat last Saturday on the Charles. The four-foot victory marks the third straight split second Cantab victory in the season's opener from the Tech 150-lb. team. The Tech boat, which had been rowing together for only a few days, showed good promise and could easily reverse the decision next Saturday when the two teams meet again with Dartmouth an added starter.

Both teams attempted a fast start, with Harvard's 41 strokes per minute putting them a few feet ahead. Tech pulled even as the boats passed Walker Memorial in the 1 and 5/16-mile race upstream to the boat house. With the Cantabs pulling 34 to Tech's 32 Harvard moved a seat ahead just past Harvard Bridge, and opened it to half a length by Burton House. With about a quarter mile to go, Tech opened a strong sprint and started to pull up as both teams hit 38. Tech's move came a little late as the Crimson held on to a four-foot lead at the finish. The winning time was 7:31.1, with Tech a half second behind.

The JVs were more successful, as an early lead and a powerful sprint finish gave them a length's victory

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The Tech



VOL. LXXVI Tuesday, April 24, 1956 No. 19

JOHN A. FRIEDMAN '57 Editor
STANLEY SHAPIRO '58 Business Manager
ROBERT G. BRIDGHAM '57 Managing Editor
Entered as second class matter at the post office at Boston, Massachusetts

political scene

This is the season for presidential primaries. New Hampshire, Minnesota, Wisconsin and Illinois have voted. Massachusetts, Florida, California and other states are yet to vote. To the casual observer the primaries may seem like an advance indication of the general election. The professional politician (the pols as they call themselves) don't see it that way. Success in the presidential primaries has little to do with success in the one heat that counts. Why so?

The reasons for the peculiarities of primary results lie partly in the small turn-out they draw and partly in the varied mechanics of the primaries in different states.

In the first place it is mainly the party faithful who go to the polls on primary day. In some states like Minnesota any voter is legally eligible to walk into the polls and ask for a ballot in either party. This leads voters to vote in whichever primary is more interesting that year. This year in Minnesota many Republicans voted in the Democratic primaries. In other states like Illinois if you voted in the primary of one party last time you can only vote in the same primary this time. The way to switch parties is to skip one primary election. In Massachusetts too one can vote only in the primary of the party in which one is enrolled. If, however, one is not enrolled in a party as yet, but is registered, then one can walk into the polling place on primary day and enroll and vote in either party.

More important than these legal limitations is the fact that not many people care about primaries. Many voters say "the primaries are for the politicians" although it is in the primaries that the candidates are chosen and half the decision made. Yet a primary often brings out less than a third of the voters. Sixty or seventy percent of the voting population may vote in a presidential election. But the average for all elections including primaries was found in one typical American city to be only a 25% turnout. In 1952 in Illinois some four and one half million votes were cast. In the recent primary, some one and one half million. These one and a half million were for the most part people who were firmly enough aligned with their party so that their votes in November can be predicted now. It is generally in the three million who stayed away from the polls that the movable voters are found whose decisions will determine the outcome.

In the Illinois primary on the Republican side there was no significant contest. On the Democratic side as far as national attention went it was a battle between Stevenson and Kefauver. Stevenson won hands down. In reality, however, it was a far more complex matter than that. Only Stevenson was on the ballot. Kefauver had decided against trying to beat Stevenson in his home state. As their confidence grew, however, the Kefauver backers decided to organize a write-in and announced they would be very satisfied with 10% of the vote. In fact they only got about 5%. Had they gotten 15%, though Stevenson would have won, the moral blow might have knocked Stevenson out of the race. The issue thus became, how many write-in votes would Kefauver get.

The outcome of Stevenson's national bid for the presidency thus came to turn upon the behavior of some 30,000 voters in one state. This fact becomes even more striking when we realize what determined the behavior of these 30,000 voters. It was not the national struggle for the presidency, but rather some issues of Illinois state politics. When Stevenson was governor of Illinois he won the enmity of some down-state Democratic leaders by denying them patronage. That historical episode became linked this year with a fight for the Democratic nomination for Governor. One candidate was supported by the state organization and more particularly the Chicago (Cook) organization. A dissident candidate got some support from down-state leaders. Stevenson supported the official candidate.

Furthermore, Kefauver feeling was much more likely to be recorded in write-ins down state since in Chicago voting machines are used instead of ballots and it is hard to write in a name in a voting machine. The strategy of the Cook County organization where some four-fifths of the state Democrats are located, was therefore, to keep the whole primary battle quiet, dull, and uninteresting to the bulk of the voters. If the regular vote came out in Chicago then they would not have to worry about the dissident candidate for Governor. The excitement about the presidential primary was to them a nuisance. In this dull campaign, the effort of some of the down-state leaders to organize a Kefauver write-in turned out to be a dud. As a result, however, perhaps the Democrats lost an opportunity to turn out a big farm vote to try to demonstrate agricultural discontent. The Republicans could claim that the primary showed their popularity. Stevenson could claim it as a victory. Kefauver could claim that he had never entered that primary.

—Dr. Ithiel Pool

the music box

On Saturday night, April 21, in Kresge Auditorium the Wellesley College Choir and the MIT Glee Club joined forces in a program that fully demonstrated the strengths and weaknesses of glee club singing.

The first half of the program featured each group separately, along with the Wellesley Madrigal Group (a well-trained ensemble), in works by Randall Thompson, Copland, Franck, Allegri, and others. The men, directed by Klaus Liepmann, were more dramatic and blended less. Mr. Liepmann emphasized the *total* sweep of the phrasing, often neglecting sub-phrases and smooth lines. The girls, on the other hand, tended to make everything very sweet and smooth, smothering the dynamics and blurring the syncopation.

The balance in the men's section was a little polarized, as the basses and tenors covered the middle voices. The tenors often protruded due to a ready sort of production that lacked support. It failed to match the other voices. On the contrary, the contralto and soprano sections were often indistinguishable in timbre, giving the girls' section a dull coloring.

The audience was surprised in the second part of the program by the use of the new organ in the auditorium, played by Mr. David Johnson, MIT's new organist, in Bach's *Cantata No. 4, Christ Lay In Death's Dark Prison*. Unfortunately the instrument and the chorus were uncoordinated for much of the program and Messrs. Johnson and Liepmann seemed to be at odds over the tempi. The latter's beat is quite flexible and demands close attention. The organ sounded wonderfully mellow and made one anxious to hear it perform more colorful music of a wider dynamic range.

In performances of early sacred choral music there is a tendency among choristers to make the melodic line brutally *marcato*, forgetting the sense of how and devotion. If an underlying intensity of tone is not maintained, a Bach Chorale sounds like so many bugles blaring away. Some conductors avoid this problem by treating the music in a heavy, bulgeoned manner or racing through it, letting the excitement and rush sustain the line. Fortunately Mr. Liepmann conducts neither way and the choruses were forced to sing expressively and smoothly, which neither could do very successfully. Such a technique is beyond a group that meets a few hours a week. Only by hard work and being closely-knit can a group like the Harvard Glee Club achieve its high standards and its virtuosity and characteristic "white" tone. Not until each individual in the chorus assumes his personal responsibility for correct breathing and phrasing, for feeling the communication of the conductor's excitement, and feels that he is helping sustain the group and not vice versa; not until each singer feels welling up within him the rise and fall and curve of each phrase, and the realization of the union of music and text, only then will a "glee club" be able to do "chorus" work. Until then it must content itself with lighter stuff and lay aside Bach.

—Wm. J. Alston, III, '56

standing room only

"The Ziegfeld Follies"

Starring Tallulah Bankhead

With Carol Haney and others

Shubert Theatre, through April 28th

For all too many people, Tallulah Bankhead is a highly sinful, morally loose personification of "The Theatre"; this group includes Miss Bankhead. During her career, she has made and broken many a show, but through it all Miss Bankhead has hardly been what one can call an actress; she is just Miss Bankhead.

In "The Ziegfeld Follies", Miss Bankhead is very good as Miss Bankhead, and that is all that is asked of her. The writers (too numerous to mention) have unfortunately asked considerably more of some of the rest of the cast; the show, as a whole, suffers most from a dearth of good material, both written and walking.

This "Follies" purports to be a resurrection of the old Flo Ziegfeld "Follies"; if true, it is all too easy to see why the original "Follies" are no more. Supposedly "A Revue Glorifying the American Girl", the 1956 production has a long way to go before it can match the music hall grandeur of its predecessors. At its worst, this show has some unforgivably sloppy staging, absolutely incompetent sketches (which remind you of TV soap operas), and at least one "featured" performer who does more harm than good. At its best, there is Carol Haney, a comparative newcomer (she was in "The Pajama Game" most recently), with her pert and energetic technique of delivering a line or song. There is Elliot Reed, who does a very fine parody on the idea of political conventions (although he also is featured in one or two completely worthless skits), and Mae Barnes, whose "Walk Bravely On" should come first on the program instead of tenth. Matt Mattox, as the show's chief male dancer, proved to be the most consistently enjoyable member of the company. The "Follies" has some good people, not the least of whom is Tallulah herself, but it is ruined by the spasmodic nature of its success.

—Michael Hall '57

Calendar Of Events

WEDNESDAY, APRIL 25

Freshman Golf Team. Match with Dartmouth College.
OAKLEY COUNTRY CLUB, 2:00 p.m.
Varsity Lacrosse Team. Game with Middlebury College.
BRIGGS FIELD, 3:00 p.m.
Electrical Engineering Department. Colloquium: "The Surface Barrier Transistor and its Effect on Digital Computer Development." Part I: "The SBT as a Switching Device." Mr. K. H. Konkle, Electrical Engineering Department. Part II: "A High Speed SBT Multiposition Switch." Mr. P. G. Griffith, Electrical Engineering Department. Part III: "The SBT in a 4 Megacycle Digital Multiplier." Mr. M. E. Petersen, Electrical Engineering Department. Refreshments in Room 10-280 at 4:30 p.m.
ROOM 10-275, 3:30 p.m.
Varsity Baseball Team. Game with Brandeis University.
BRIGGS FIELD, 4:00 p.m.
Biology Department. Colloquium: "K-Casein, the Stabilization of Casein Micelles, and the Clotting of Milk." Professor David F. Waugh, Biology Department. Tea in Room 16-711 at 3:30 p.m.
ROOM 16-310, 4:00 p.m.
Civil and Sanitary Engineering Department. Hydromechanics Seminar: "Incipient Motion of Sediments by Wave Action." Professor P. S. Eagleson and Mr. L. A. Peralta, Civil Engineering Department. Coffee in Room 48-208 at 3:45 p.m.
ROOM 48-208, 4:00-5:00 p.m.
Freshman Track Team. Meet with Governor Dummer Academy.
BRIGGS FIELD, 4:00 p.m.
Catholic Club. Discussion Group on Communism.
HAYDEN LIBRARY LOUNGE, 5:00 p.m.

THURSDAY, APRIL 26

Order of DeMolay—MIT Chapter. First Degree.
HAYDEN LIBRARY LOUNGE, 7:30 p.m.
Operations Research Seminar. Talk: "Operations Research Problems in a Small Manufacturing Company." Dr. Byron Marshall, Mellon Institute.
ROOM 2-135, 3:00 p.m.
Lecture Series Committee. Film: "Keys of the Kingdom," starring Gregory Peck and Thomas Mitchell. Admission: 30 cents.
ROOM 10-250, 5:05, 7:30 and 10:00 p.m.

FRIDAY, APRIL 27

Mechanical Engineering Department. Seminar: "Soap-Film Analogies to Engineering Problems." Mr. Frank R. Archibald, Arthur D. Little, Inc. Lecture will be illustrated with the aid of mechanical models. Coffee in Room 3-174 from 3:00-3:30 p.m.
ROOM 3-270, 3:30 p.m.
Varsity Tennis Team. Game with Quonset Flyers.
BURTON HOUSE COURTS, 3:30 p.m.
Aeronautical Engineering Department. Seminar: "Primary Design Considerations of Jet Transport Aircraft." Mr. George S. Schairer, Boeing Airplane Company. Refreshments in Room 33-205 at 3:30 p.m.
ROOM 35-225, 4:00 p.m.

SATURDAY, APRIL 28

American Society of Civil Engineers—Student Chapter. Annual Conference of New England Student Chapters.
KRESGE AUDITORIUM, 10:00 a.m.
Varsity Baseball Team. Two games with U. S. Coast Guard Academy.
BRIGGS FIELD, 1:00 p.m.
Freshman Lacrosse Team. Game with University of New Hampshire.
BRIGGS FIELD, 2:00 p.m.
MIT Rugby Club. Game with Wall Street Rugby Football Club.
BRIGGS FIELD, 2:00 p.m.
Varsity Track Team. Meet with Tufts University.
BRIGGS FIELD, 2:00 p.m.
Freshman Track Team. Meet with Tufts University.
BRIGGS FIELD, 2:00 p.m.
Heavyweight Crew. Race with Boston University and Harvard University.
CHARLES RIVER, 3:30 p.m.

SUNDAY, APRIL 29

MIT Concert Band. Invitation concert by the Yale University Concert Band, Keith Wilson, conductor. Admission free.
KRESGE AUDITORIUM, 4:15 p.m.

MONDAY, APRIL 30

Freshman Golf Team. Match with St. Sebastian's Country Day School.
OAKLEY COUNTRY CLUB, 2:00 p.m.
Varsity Baseball Team. Game with Boston University.
BRIGGS FIELD, 4:00 p.m.
Lecture Series Committee. Address: "Bulwarks of the Free World—Justice, Courage, and International Understanding." His Excellency Tran van Chuong, Ambassador of Viet Nam to the United States.
KRESGE AUDITORIUM, 5:00 p.m.

TUESDAY, APRIL 31

Acoustics Laboratory. Seminar: "Fricatives." Dr. Katherine Harlan Haskins Laboratories, New York.
ROOM 20E-224, 4:00 p.m.
Civil and Sanitary Engineering Department. Soil Engineering Seminar: "Design and Construction of the Sasama Dam in the Kenya Colony." Dr. Karl Terzaghi, Professor of the Practice of Civil Engineering, Harvard University.
ROOM 1-390, 4:00 p.m.
Whirlwind Digital Computer. Open House. Movie and demonstration of the Computer. Reservations must be made with Miss George Nagle, ext. 3711.
BARTA BUILDING, 5:00 p.m.
Combined Religious Groups of MIT. Program on The Dead Sea Scrolls. Speakers: Dr. Immanuel Ben-Dor and Professor Krister Stenlund, Harvard Divinity School; and Monseigneur Mather P. Stapleton, Dean of St. John's Seminary. Admission free.
KRESGE AUDITORIUM, 7:45 p.m.

WEDNESDAY, MAY 1

Varsity Golf Team. Match with Harvard University and Babson Institute of Business Administration.

CALENDAR OF EVENTS

The Calendar of Events is distributed to the staff through the Institute's 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 May 2-9 is due April 26.

Undefeated Nine Paces GBL, Ten Wins Again, Crews Take Three Races

BASEBALL

(Continued from page 1)

ings to lead the Techmen to a 6-4 win over Lowell last Saturday. Spot-ess fielding by MIT helped Auer to retire 13 in a row before he tired in the ninth and needed help from Dick Skavdahl, ace Tech hurler.

Lowell got to starter Frank Hen-ack for two in the opening frame and added two more in the third off reliefer Marty Bressler. In the mean-ime Tech was unable to get to John Finnegan, Lowell starter, until the third when they scored two unearn-ed runs to trail 4-2. At this point Auer took over, and the game set-led into a pitchers' duel until the sixth when MIT went ahead 5-4, get-ting three runs on as many hits. Sin-gles by Perciballi, Ackerlund, and Sullivan, and an error by the Lowell second baseman accounted for the tal-ies.

Speer and Ackerlund opened the seventh with singles but died on base as the rally was snuffed. In the sev-enth Sullivan got one on an error, went to second on Richman's sacrif-ice, to third in a fielder's choice, and scored the insurance run on a loop-ing single to center by Hallee.

The Lowell leadoff man in the ninth singled for the first hit off Auer, and when Ken walked the next man up, Coach Roy Merritt called in Skav-dahl, who struck out the first man to face him, got the second to hit weakly back to the box, and put the last man down swinging to end the game.



Tech Crew Pulls Away From Boathouse Dock During Opening Meet of Season

CREW

(Continued from page 1)

over the Harvard second boat. Har-vard again capitalized on an early start, but Tech moved up fast at 33 and went ahead soon after the boats had passed under the bridge. After Tech opened to a half length lead past Baker House, the Harvard boat made its move, stepping up to a 34 and then finally to a 37. Tech's crew was not to be caught, though, as they built their sprint up to 38 and held

it across the finish line.

The freshman boats came off with a split as the second team took the first race of the afternoon and Har-vard's first boat reversed the finish in the second race. The Tech second boat built up a small lead before the bridge and widened it to a length by the finish to beat the Crimson and also Dartmouth who entered only the frosh race. The second Harvard boat won by a length in the good time of 7:58.7.

Stickmen, Unbeaten In Intercollegiate Play, Trounce Worcester Polytech Team, 8-2

After a slow first period the var-sity lacrosse team poured on the steam to down Worcester Poly Tech 8-2 last Saturday on Briggs Field. The Engineers, who face rough op-position in their next two games, exhibited some of their finest team and individual play of the season in scoring five times in the second quar-ter and once in each of the other periods. Outstanding for the Tech-men were Joe Hamlet '56, Marinos Gerakeris '56, "Leaky" Dyke '56, and Paul Ekberg '58.

Displaying lots of hustle and some fine stickwork, the Worcester men outplayed Tech through most of the first period. After WPI had scored early in the game, Gerakeris tied it for Tech at 6:05 on a beautiful solo play in which he carried the ball clear across the midfield stripe and hit from 40 feet out. Worcester struck right back with a clean goal, to lead 2-1 at the period.

Tech opened up in the second pe-riod with Ekberg starting the barrage with a bouncing shot from directly in front after a hard pass from Dyke. Hamlet put MIT in the lead shortly afterwards when he inter-cepted a pass at midfield and scored on a soft shot before the Worcester goalie could get into position. Dyke got his second assist on the next goal as he hit Gerakeris with a pass right in front which Jerry batted right in, and at 7 minutes of the pe-riod "Leaky" scored himself, on a pass

from Dick Child. The last goal of the period came at 12:40 as Jim Benen-son '58 ran through two men, spun, and hit on a short shot.

Leading 6-2, MIT continued to ap-ply the pressure in the third period, holding the ball almost consistently in the Worcester zone. Dyke finally hit for Tech's seventh goal at 9:22 when he batted a loose ball in from the right side. The fourth period was just a continuation of the third, with Gerakeris getting the only goal in the last second of play on a shot from right in front.

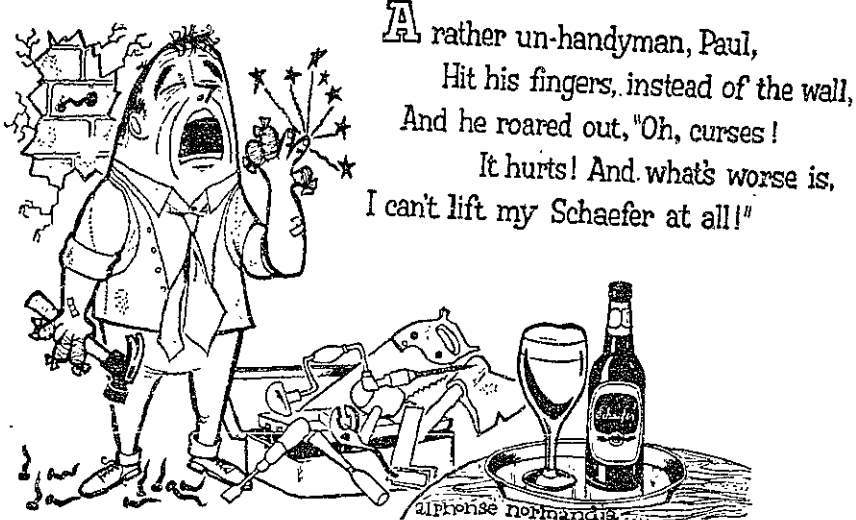
Tech played its best of the sea-son, but faced two severe tests this week, at home against Middlebury on Wednesday and away at New Hampshire Friday. The New Hamp-shire game is the big one for the Techmen as a victory over last year's division champions could go a long way in bringing the Martinmen a successful season.

The box score:

MIT	WPI
G—Damone	Klimehak
PT—Bredbenner	Rydstrom
CP—Johnson	Rogler
ID—Langmack	Mulno
2D—Gerakeris	Clark
C—Hamlet	Friberg
2A—Blanchard	Whitney
1A—Frey	Lillibridge
OH—Dyke	Cramer
IH—Benenson	Purple

Score by periods

WPI	2	0	0	0	2
MIT	1	5	1	1	8
Goals—MIT: Gerakeris 3, Dyke 2, Benenson, Hamlet, Ekberg.					
WPI: Whitney, Lillibridge.					



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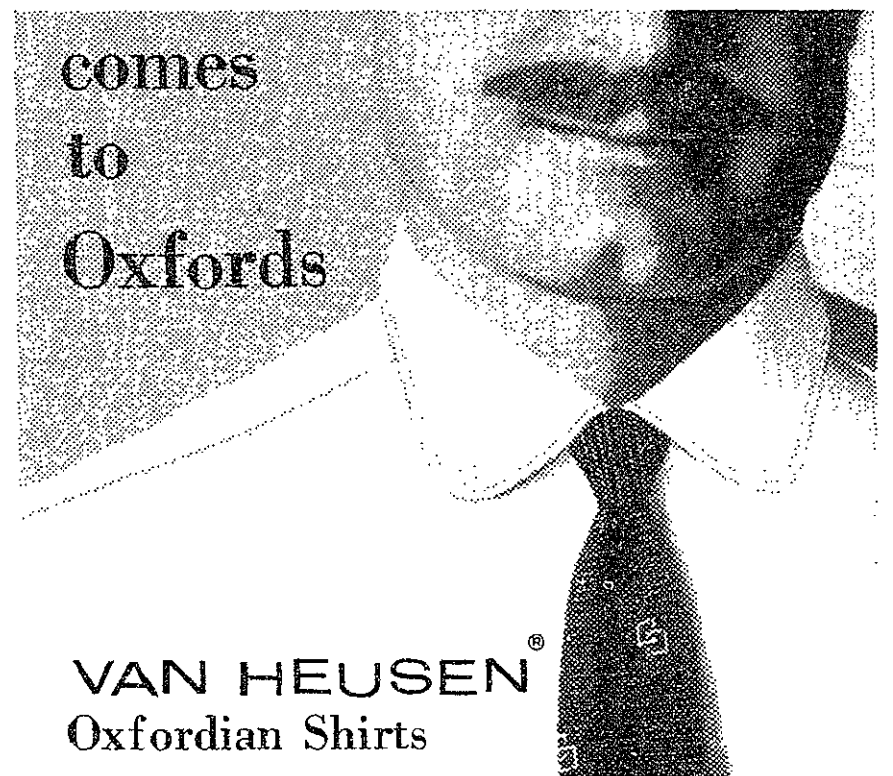
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Tech Rugby Club Whips Harvard, NYC For Initial Victories

In action last week, MIT's Rugby Club downed Harvard Tuesday 3-0 and on Saturday swamped the New York Rugby Club 18-0. Both games were played at Briggs Field.

Tuesday's game saw MIT playing defensive ball throughout the first half and then scoring early in the second half to lead 3-0. The score came when Eddie Changkasiri took the ball and fought his way to the goal. Martin Kaen, MIT's fullback, attempted the conversion and missed.

During the first half the play was confined to the Tech end of the field. Kaen tried several field goals on penalty kicks but failed to find the range. After the score in the second half MIT stayed on the offensive, but an alert Harvard squad held them scoreless.

Against the New York club it was MIT all the way. The early action was fast and furious. One of the New York players was injured in the rough play and had to leave the game. This left the opposition one man short, giving Tech the advantage.

MIT responded by scoring in the middle of the first half when Charley Henry fell across the goal with the ball. Due to the wide angle on the goal posts Marty Kaen missed the conversion, and Tech led 3-0.

Tech scored again early in the second half when Kaen, playing a good game at fullback, went over for the tally. He then converted to make it 8-0. Midway in the second half, after a bit of sparkling ball handling, Henry garnered his second score of the game. After Kaen's second conversion of the afternoon MIT led 13-0. Tech's last marker came on a score by Joe Walsh late in the second half. Kaen converted for the third time to make the final score 18-0.

Yearling Lacrosse, Crew Teams Turn In Wins In Season's Openers

The Yearling lacrosse team opened its season by downing Lawrence Academy, 7-2. Al Hobart, Freshman Athlete of the Year, began the scoring when he hit the nets late in the first period, Frank O'Donnell assisting. Tech set the pattern for the game in this period; they completely dominated the play.

Early in the second period, Hobart scored again to put the stickmen ahead to stay. Jon Weisbuck added to the margin by scoring two goals in the third period and another in the final. Hobart and Charlie Cushing also scored in the fourth. Lawrence's goals came in the first and fourth periods, both by Lin Smith.

In other Frosh lacrosse action, Harvard edged the team, 7-6. With two matches behind them, the yearling lacrosse needs only experience to make one of the best Frosh squads in years.

Journeying to Harvard, the Freshman nine came out on the short end of a 3-0 score. The Crimson coupled their five hits and the two Tech errors to score their victory. MIT showed their lack of outside practice as only catcher Warren Goodnow and pitcher Jerry Welch were able to hit safely. If the squad develops a strong pitching staff and a bench to go with it, it should have one of the best seasons in recent years.

The Frosh heavyweight crew soundly defeated Dartmouth in two pre-season races held a week ago last Saturday. In the first contest, Tech's third boat dropped the Dartmouth second eight, while the next

event both of the Cardinal and Grey's top two shells crossed the line ahead of Dartmouth's first.

During last week-end's action against Harvard and two New Jersey high schools, the third Frosh heavies took third in a race which Bellville won and was followed by Harvard's third heavy crew. The second boat pulled ahead early and held off a Harvard bid to win by a half-length.

Tech's Freshman sailing team continued their winning ways as they took two meets and won an individual elimination. In the Frosh Individual Tourney, MIT co-skippers Dennis Posey and Bill Widnow defeated entries from Coast Guard, Boston College, Tufts, and Boston University by a margin of 4 1/2 points, the results under protest.

Last Saturday the Yearling sailors won a heptagonal meet on the Charles. Bill Widnow crewed by Oliver Phillip, was top scorer for the meet with 46 of Tech's 82. BU was next with 74, followed by Harvard with 71. In the MIT Freshman Invitational Quadrangular last Saturday the '59ers topped BU, Yale, and Brown.

Varsity Tennis Team Loses To Dartmouth; De Leon Only Winner

Despite the rain and cold, the tennis teams of MIT and Dartmouth ventured out onto the Burton House Courts to try their luck against the elements as well as against each other last Friday. Dartmouth proved to have the better "mudders", coming out on the long end of an 8-1 score. This is the second loss in a row for MIT's netmen.

Captain Al Hahn '56, returning to the team after missing the match with RPI, lost a heartbreaker to Dave Kerr of Dartmouth, 6-8, 5-7.

Tech's number two man, Asghar Ali '56, was nudged out by Chuck Kettering, 6-3, 7-5, while Rene Mendes de Leon played good, sound tennis and walked off with Tech's only win of the day, downing Dartmouth's number three man, Boswell, 6-4, 6-4. In the fourth singles position, Dick McLaughlin '57 was nosed out by Tom Smith, 6-3, 7-5, while Jim Barber '58, playing number five for MIT was downed, 6-1, 7-5. Art Draut was defeated by Dartmouth's number six man to round out the singles matches.

In the doubles, Kerr and Boswell of Dartmouth combined to defeat Barber and de Leon 6-1, 9-7.

On Deck

- Today: Varsity Baseball—Boston College 4:00
- Varsity Tennis—at Williams 4:45
- Wednesday
- Varsity Baseball—Brandeis 4:45
- Varsity Lacrosse—Middlebury 8:30
- Golf—Wesleyan, Brown at Wesleyan 2:30
- Frosh Track—Gov. Dummer 4:00



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LEHRER, MY GOD! TO THEE

or What Hans C. Anderson Didn't Tell

Once upon a Time, as they are prone to put it in the kiddies' trade papers, there was this Prince. He wasn't tall and handsome, like the Prince of Wales (although in some quarters he was referred to as an occasional wailer); nor was he morose or even lessrose, like the celebrated sadsack of Elsinore (which as you know is Danish for hamlet, which of course means a small town, and Our Prince was no small town cat.)

Well anyway, he wasn't tall and he wasn't exactly good-looking—seedy was more like what he was—and his Oedipus complex would never have qualified him for the lead in a play of Shakespeare's. Not to mention Sophocles.

As a matter of fact, he was totally lacking in princely grace. For, try as he would, he just couldn't get any Rainier. He couldn't even get raunchier.

So, seeing as how he wasn't making it as royalty, he decided to become a Commoner. Well sir, he got so common that he has been from that day (October 2, 1346) to this, a veritable household word in homes and bordellos all over the United States and Canada, except in the province of Manitoba (pop. 729,744; 246,512 sq.mi.). Hailed today as the toast of two continents (prices slightly higher west of the Rockies), his former royal majesty is now referred to as just plain 'Your Highness'.

Having given up his right to the throne (or thrown out of his rightful kingdom—one is not entirely clear on this point, historians varying as they do) Our Hero came to grips with a new and startling responsibility: keeping himself alive. So what could he do? He counted off the possibilities: he thought of Madison Avenue, of Badger, Browning, Durstine, and Osborne; of CBS and NBC; of Gregory Peck. No. Somehow the grey flannel life seemed out of character for a deposed crown.

Where then, could he turn? Where else, but SHOW BIZ? For, as surely as blood will tell, biz will show. He would become the Mickey Spillane of the Aaron Richmond Series. America's answer to Anna Russell. The fifth horseman of the apocalypse. A singing misanthropist. Joe Williams with strings.

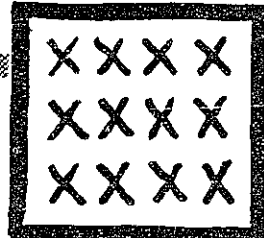
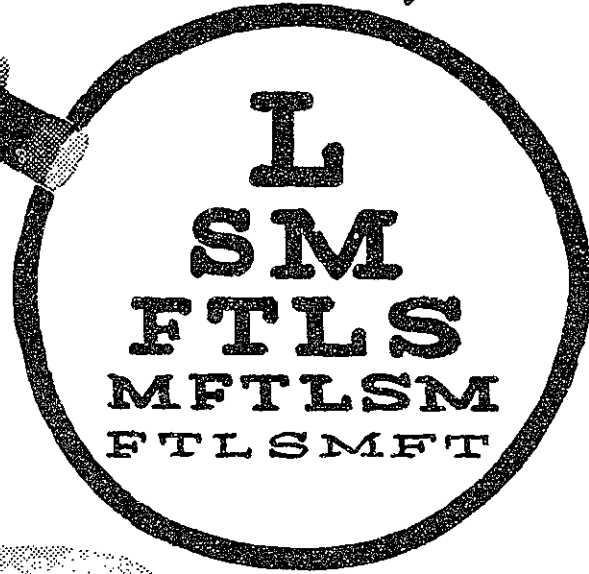
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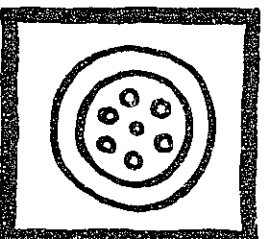
WHAT'S THIS? For solution see paragraph below.



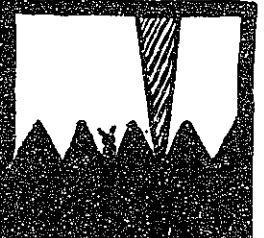
END OF A LOVE LETTER Joseph Boulanger U. of New Hampshire



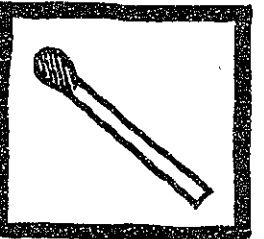
BUG, SNUG IN RUG James Keehn U. of Minnesota



BIRD'S-EYE VIEW OF SALT SHAKER Carl Naab Purdue



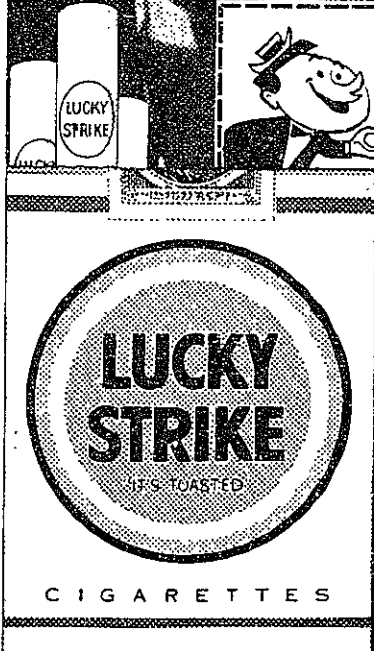
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