

The Tech

VOL. LXXI

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NO. 43

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Assistant Night Editor: John F. D'Amico, '54

THIS GREAT ADVENTURE

Seventy years ago today, the first issue of the **The Tech** was presented to the public. The students who founded the paper realized that if it was to continue and prosper its foundation would have to be built wide and deep. It was their aim, therefore, to publish a newspaper that would be of maximum value to all the students, faculty, and alumni. Men from every department and class were asked to write articles, edit copy, sell advertising, or do one of the hundred and one small jobs that must be done on a college newspaper.

Those students whose industry and vision were to make the first volumes of **The Tech** an unqualified success became leaders in a world that was just beginning to accept the value of a technological education. Among them were H. Ward Leonard, Arthur D. Little and Horace B. Gale.

Paging through these first volumes one realizes the vitality, the hopefulness and many of the problems that the newly established school felt. William Barton Rogers had just died, and the Institute was "on its own" for the first time. Construction of "The New Building" was starting on Newbury Street. At the same time though, an advertisement appeared in a Boston daily paper that read as follows:

WANTED—AN OFFICE BOY, and to learn the shoe business; graduate of high school, or institute Technology preferred. Apply —

This upstart among educational institutions still had to prove its value to the layman. Happily, the Institute was in tune with the times. The United States which had just entered its great technological revolution was to experience an almost unsatisfiable need for the type of engineer and scientist that Technology was producing. These men, Techmen, helped to develop the cars, the electrical equipment, the industrial processes, that were to mean an easier life, a better life for every American.

The back issues of this paper record more than just an account of the significant events of the past seventy years. They tell the story of a dream that has been growing for nearly a century. That story is often dramatic and inspiring; it is always interesting. We are proud to be a part of this great adventure that is the Massachusetts Institute of Technology.

FRESHMEN

The following editorial appeared in the second issue of the second volume of "The Tech."

The Tech having in mind the un-fledged condition of the Fresh-men took up-on it-self, in its in-i-tial number, the of-ice of pro-tection to them; and now, in or-der that they may grad-u-ally learn to pro-tection them-selves, it of-fers a few sal-u-tary hints on their fu-ture conduct. First of all dear chil-dren, you should sub-scribe to THE TECH. For two dol-lars you will re-ceive full re-ports of all Fac-ul-ty meet-ings, and if ne-go-tia-tions are suc-cess-ful, a sup-plement with a list of the un-knowns in the First year Lab-o-ra-to-ry. Then, to in-sure com-plete pop-u-lar-i-ty, join the Ten-nis Club and the Ath-let-ic As-so-cia-tion. They don't need your money, but they would like your social in-flu-ence. These things, how-ev-er, need-ful though they be, suf-fice for noth-ing un-less, in ac-cord-ance

(Continued on Page 6)

Letters to the Editor

Editor, THE TECH
Dear Sir:

A recent editorial of THE TECH raised the question of possible student representation on the Faculty Committee on Undergraduate Policy. Student interest and participation in the problems which this committee faces is important and we are anxious to secure the maximum of student help. Last year the committee met with the Student-Faculty Committee and discussed with them the matters being dealt with. Individually the various members of the committee have brought student reactions and opinions which have proved of great value. There is no doubt that communication channels between our committee and the student body can be improved. I do not believe, however, that the best solution to this problem is

(Continued on Page 6)

Editor, THE TECH
Dear Sir:

This letter is written to clear up certain statements made in the Friday, November 9th issue of THE TECH concerning the action of the faculty at its November 7th meeting.

At this meeting the faculty voted that (1) no classes be held on Friday and Saturday, November 23 and 24, 1951 but that all other activities shall remain unchanged; (2) the Freshman Reading Period shall be January 16-18, 1952 inclusive. This action was taken by the faculty to permit more students to spend the Thanksgiving holidays with their families but at the same time to make available other facilities of the Institute including its libraries for those students who might wish to carry on their studies on Friday. It is important to observe

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'THE TECH' — VOLUME I



Shown above in their classic poses are the founding members of Volume I of THE TECH. Starting in the upper left-hand corner and going clockwise, the men are A. Stuart Pratt '84; Walter B. Snow '82; I. W. Litchfield '85, Treasurer; H. Ward Leonard '83, President; Henry F. Ross '83, Secretary; Horace B. Gale '83; Arthur D. Little '85; Harvey S. Chase '83; George J. Foran '83; George W. Mansfield '82; Arthur W. Walker '82, Editor-in-chief; Charles H. Thompson, Jr. '83; Samuel M. Munn '82, Advertising Manager; Grenville T. Snelling '82; and F. F. Johnson '84.

The Tech (Continued from Page 1)

of five. The original cover was designed by G. F. Shepley of the Architecture Department. His was the winning entry in a contest held to choose a suitable design. Publication was on alternate Wednesdays, and the price for a single copy was fifteen cents.

There was very little "news" in the first issues as we think of news today. The pages were usually filled with an editorial, lengthy technical articles varying in subject matter from "The Steam Engine Indicator and What It Indicates" to "Stained Glass Windows." Notes from past and present classes, departments and special columns completed the issue. The editors felt that "... representing a school of science, conducted by men whose aim has been a knowledge of the sciences rather than literary attainments, the tone of the paper has

naturally been scientific rather than literary."

In the first issue, as in others of this period, advertisements were concentrated in the last few pages. Commercialism had not reached its present-day status, but the students of yesteryear were enticed with such ads as:

Superior Mucilage for Student's Use

E. S. Kelly Boylston Street

For "two bits," James McSwiney, "Hair Cutter and Wig Maker" would clip you. If you weren't satisfied with a simple haircut, Bernard P. Verne, Hairdresser, of Tremont House and Young's Hotel, would take care of you.

"Etchings for Students' Rooms" could be obtained from Williams

and Everett. Evidently at that time, the slide rule had not completely replaced etchings. Transportation was no problem with the "Harvard Roadster," a two-wheeled contraption selling for about fifty dollars.

The Persistent Complaint

Letters to the Editor were as popular then as today. As a matter of fact some of the present controversial issues were being discussed on the pages of THE TECH long before our generation was even thought about. The following appeared in the issue of May 3, 1882:

"To the Editors of THE TECH:
I wish to call attention to the condition of the Institute Restaurant. The proprietor has a considerable advantage over all competitors in that he has his rent and gas gratis. Now under these

(Continued on Page 3)

TECH
SHOW

"HERE'S THE SWITCH"
(THIS YEAR, DEC. 7 and 8)

TECH
SHOW

TICKET
SALES

START THIS MONDAY

NOV. 19

IN BLDG. 10

TECH
SHOW

TICKETS ARE \$1.20, \$1.80, \$2.40
BUY EARLY FOR BETTER SEATS

TECH
SHOW

The Tech

(Continued from Page 2)

circumstances, why cannot he furnish patrons with well-cooked, substantial meals at a fair price?"

Not Enough Jokes

Editorially, issues ranged from the "Policy of the English Government in regard to the Irish Question" to a discussion of whether or not the Institute should have a football team. On the latter issue the editor called on students to "devise some plan, if possible, for the furtherance of the interest taken in football this year." By April, the original intent of the Editors to present a partly technical journal was under fire. In the issue of April 5, one reader queried: "Who wants to read nothing but the results of scientific investigations. We need more jokes."

High Jump and Baseball

Athletic events were first described in the column "Sporting Notes." In a March issue, the meeting of the M.I.T. Athletic Club was reported. Events included the Standing High Jump, Rope Climb, Heavy Weight Tug of War, Putting the Shot, Running High Jump and Pole Vault. The winner of the Pole Vault reached a mark of nine feet, four inches and the writer reported "this record is, by far, the best ever made in Boston."

Editorially, the paper campaigned for a baseball team. It was opposed by students and faculty on the grounds that it would become so time-consuming as to interfere with the regular work of the Institute. But the Editor insisted "... That the complete man requires physical culture as well as intellectual and moral; and that to develop such culture he must have systematic and continued exercise in the open air."

A Foundation for Years to Come

On May 28, the last of the fifteen issues of Volume One was published. In reviewing the accomplishments of the previous year, the Editors stated:

"One of the aims of this year's management has been to build a foundation

History Of Institute Shows Value Of Competent Leaders

General Francis A. Walker, late of Yale University, stepped forward in 1881 to accept the congratulations of Dr. William B. Rogers, founder of the Massachusetts Institute of Technology. Gen. Walker had just been installed as new President of the Institute.

In twenty years, under the leadership of Dr. Rogers and Professor John D. Runkle, the Institute had grown from a small structure housing six professors and fifteen students to a group of buildings with 44 members on the teaching staff and 390 students. Degrees were offered in nine courses, ranging from Civil Engineering and Chemistry to General Science. It was located on Boylston Street in Boston, between Clarendon and Berkeley.

Course X Established

Gen Walker took office with definite plans for the improvement of the Institute, and he immediately put them into operation. He established Electrical Engineering as a separate course in 1884, thus making the Institute the first school in the country to have such a course on an equal basis with physics and the other sciences and technologies. Four years later he opened Course X, Chemical Engineering, another first. By 1893, there were thirteen courses offering degrees, the Naval Architecture Department being established that year.

All of Gen. Walker's improve-

ments were not confined to the actual courses of study. Through his ability to meet people and impress upon them the need of the Institute for financial support, he managed to keep out of any trouble arising from lack of funds. He encouraged student activities, which were few and small at the time, and saw *The Tech*, which was established in the year in which he took office, grow with the Institute. Indeed, his encouragement and aid probably saved *The Tech* from a fate similar to that of its predecessor, the *Spectrum*, which had lasted only one year.

for the years to come... a foundation worthy of the Institute, and one which should enable the paper to attain the greatest eminence in the future.

"... We rest assured that through the efforts of those who are to follow, *THE TECH* will establish for itself a name that shall not be forgotten."

With this thought, *THE TECH*, venerable ancestor of Technology student organizations, completed its first year of publication.

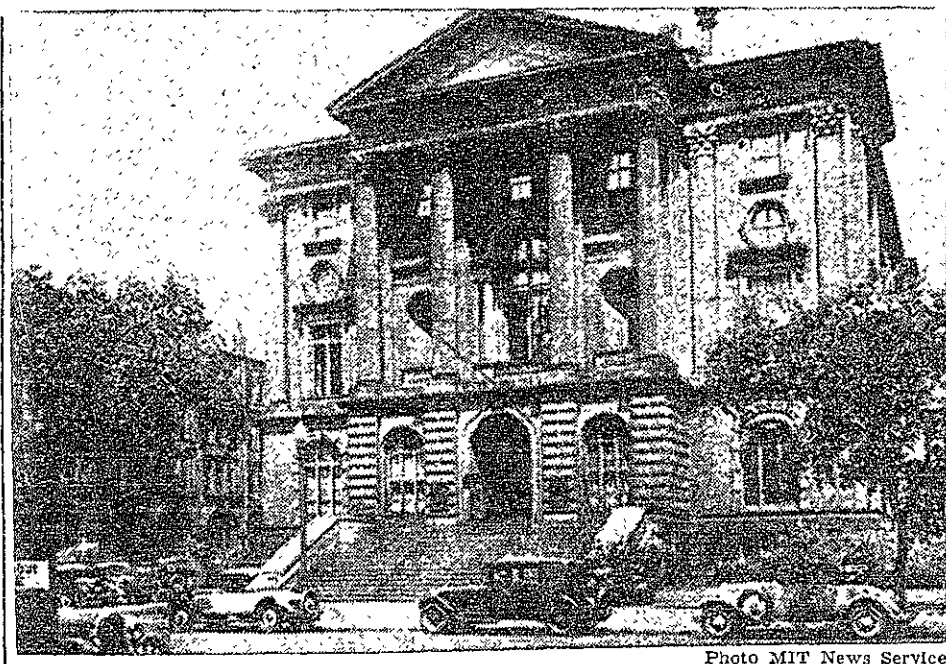


Photo MIT News Service

The Rogers Building, located on Boylston Street near Clarendon, was the Institute's main building while it was still in Boston.

ments were not confined to the actual courses of study. Through his ability to meet people and impress upon them the need of the Institute for financial support, he managed to keep out of any trouble arising from lack of funds. He encouraged student activities, which were few and small at the time, and saw *The Tech*, which was established in the year in which he took office, grow with the Institute. Indeed, his encouragement and aid probably saved *The Tech* from a fate similar to that of its predecessor, the *Spectrum*, which had lasted only one year.

Pritchett Becomes President

Gen. Walker, when he died suddenly in 1897, left the Institute on a firm basis, both academically and financially. To replace him was not easy, and while a successor was being sought, Professor James M. Crafts, of the Chemistry Department, served as acting President. In 1900, Henry S. Pritchett was installed as President, and set out to continue Gen. Walker's policies. At the time he took over, the school had grown and spread until it occupied quite a few buildings in the vicinity of Copley Square. The faculty numbered almost 200, and there were over 1,200 students.

In 1907, Dr. Pritchett died. He had had somewhat less success financially than Gen. Walker. Professor Arthur A. Noyes, of the Department of Chemistry, assumed Office as acting President, and began a search for a new President who could improve the financial situation. Such a man was found in Dr. Richard C. Maclaurin, who was inaugurated in 1909.

Even before he took office, President Maclaurin wanted to move the Institute to its present location. The need for a new site had long been realized, but a suitable one had never been found. At first, President Maclaurin had trouble convincing other members of the Corporation of the advantages of the Cambridge location. Finally, however, he won his point, and the land was acquired in October, 1911.

Institute Crosses Charles

In June, 1916, the Institute officially moved across the river. Three days of ceremony and banquets heralded the event. The climax was the bringing of the charter and archives across the Charles in a "Bucantaur." The first classes were held in the new buildings at the beginning of the Fall Term. Walker Memorial was completed the following year, and in 1921, the first dormitory, the Old Senior House in East Campus, was finished.

Prior to President Maclaurin's inauguration there had been much talk of a merger of the Institute with Harvard University. This stemmed from the financial troubles of the Institute, and the fact that Harvard was in the process of building up its science departments. Gordon McKay had left a large sum of money to Harvard to

be used for this purpose, and although the two schools could not agree on a direct merger, neither on the undergraduate level as proposed by Harvard, nor in the graduate school, as sanctioned by President Maclaurin, an agreement was mutually accepted whereby the two schools pooled their science and engineering facilities. This meant that the Institute would accept students from Harvard in its classes, and in return would benefit from the McKay bequest. However, the trustees of the McKay estate took the case to the Supreme Court of Massachusetts to test the validity of the agreement with respect to the will of Mr. McKay, and the court ruled against it. The alliance was declared contrary to the provisions of the will, and any chances of direct association between Harvard University and the Institute were thus ended.

President Maclaurin died in 1920, leaving behind him a permanent, stable Institute. He had led it safely through the war, compiling a brilliant record in aid to the government, which ranged from the training of military personnel to research and civilian defense. Its finances were in a better condition than they had ever enjoyed before. It was situated in a new location, with room to grow. To find a worthy successor to President Maclaurin was the almost hopeless task faced by acting President Elihu Thompson and his staff.

Dr. Ernest F. Nichols was chosen as new President and took office in 1921. Within a year, however, Dr. Nichols took ill, and was forced to resign. He was succeeded by Dr. Samuel W. Stratton in 1922. Dr. Stratton held the office until 1930, when a change in the school's constitution created the office of Chairman of the Corporation. Dr. Stratton was appointed to this office, and Dr. Karl T. Compton, from Princeton University, became the Institute's ninth President.

Dr. Killian Inaugurated

By 1930, the number of courses in the Institute had increased to 17, only four more than had existed when Gen. Walker died in 1897. The eighteenth, mathematics, was soon added. In 1930, there were 23 fraternities at the Institute, the oldest chapter being Sigma Chi, which was founded here in 1882. In 1932, Phi Delta Theta became the twenty-fourth local chapter. Although the country was in the middle of a depression, the Institute continued to grow.

Dr. Stratton died in 1931, and the office of Chairman of the Corporation remained vacant until three years ago. At that time, the spring of 1949, the Institute held its Mid-Century Convocation. The principal speakers at the convocation were Winston Churchill and Dr. Harold Stassen. A series of panel discussions made up a major part

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POOR PAUL was eggzasperated because every chick on campus gave him the bird. They told him: "We're all cooped up!" Then one day his roommate said: "The hens avoid you beak-cause your hair's messy, you dumb cluck! I don't know feather you've heard of Wildroot Cream-Oil or not, but you better fry it—er, try it! Contains soothing Lanolin. Relieves dryness. Removes loose, ugly dandruff. Helps you pass the Finger-Nail Test." Paul got Wildroot Cream-Oil—and now the gals think he's a good egg! Better lay down a few poultry cents on the nearest drug or toilet goods counter for a bottle or tube of Wildroot Cream-Oil. And ask for it on your hair at your favorite barber shop. Then the girls'll take off their hatch to you!



* of 131 So. Harris Hill Rd., Williamsville, N. Y.

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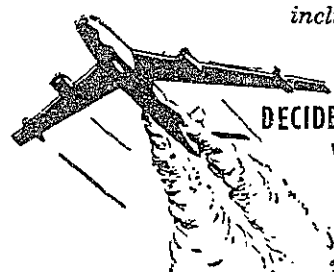
November 19 and 20

See engineering placement office for
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Boeing is interested in graduates with a
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Volume 1 Alumnus Interviewed Dr. Killian Discusses The Undergrad School

Horace B. Gale '83 Is Only Founding Group Man Alive

When fifteen students at THE TECH got together in 1881 to start a newspaper, they would have been justified in having confidence in the future of their literary effort and in themselves. THE TECH has weathered seventy years to become the oldest activity at the Institute; and included among those who founded it were men who have carved out successful, and in some cases distinguished, careers in engineering. Residing peacefully with his family in Natick, Massachusetts, is Mr. Horace B. Gale '83, the only living member of the group.

Mr. Gale remembers H. Ward Leonard especially for his business acumen in keeping the paper on its feet financially during the early years. Another stalwart, according to Gale, was Arthur D. Little whom he calls the "best writer." Little's humor and imagination expressed itself in Jules Verne-like stories of undersea adventures and oscillations by a professor in a hole bored all the way through the earth in a



Photo by McLeod

Horace B. Gale '83, the only living member of the first staff of THE TECH, shown as he looks over Volume 1 in his study in Natick.

situation similar to the famous 8.02 problem. George B. Foran '83 also drew special praise from Gale as he surveyed a faded photograph of the founding group hanging in his

study.

Gale himself was confined largely to scientific articles such as descriptions of plant trips (he was majoring in Mechanical Engineering) but admits that he slipped in some humorous stuff once in a while.

As for the subjects he took while at the Institute, Gale remembers particularly his course in shop work, required of all Mechanical Engineering majors, where he made some tools which sit in his garage today. He also considers as "a great advan-

By JOHN F. D'AMICO

Will there always be an undergraduate body at M.I.T.? In this Technology atmosphere so highly stressing the importance of graduate work and research, the undergraduate has sometimes wondered. A definite answer comes from President Killian who, in a recent interview with THE TECH, discussed the changes that the Institute has undergone within the past thirty years.

There will always be an undergraduate body at the Institute. "The undergraduate school is an essential part of the total plan," Dr. Killian feels, "and there is as much a contribution to be made to the education of undergraduates as to any of the fields of science and engineering."

The Institute has "adhered rather closely" to its basic objectives, the development and education of competent men in the fields of science and engineering," Dr. Killian remarked, "and has in the process of time achieved steady refinement with the aid of many physical and academic changes." The physical changes include an extension of living, recreational, and research facilities to a very high level. Principal academic changes have been in the establishment and development of graduate and humanities programs.

One important variation has been in emphasis. Prior to 1930, most important academically was the school of engineering. Study in the sciences, though provided for in the original concept of M.I.T. as a development center for both engineers and scientists, was greatly overshadowed by the emphasis on engineering. In the past thirty years study and research in the sciences have developed tremendously so that it now stands equally with engineering. This and other changes Dr. Killian attributed chiefly to the efforts of Dr. Compton, his presidential predecessor.

Today, with a much broadened scope, the Institute is a school of professional distinction and international reputation which undoubtedly was enhanced by its contribution to the war effort. Yet in the midst of so many changes, one thing has been fundamental, a spirit of confidence in the ability of the student to stand on his own feet and manage his own affairs with a minimum of interference. This, Dr. Killian feels, is one factor which has decidedly contributed to the success of the Technology graduate.

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It takes fine tobacco to give you a better-tasting cigarette. And Lucky Strike means fine tobacco. But it takes something else, too—superior workmanship. You get fine, light, mild, good-tasting tobacco in the better-made cigarette. That's why Luckies taste better. So, Be Happy—Go Lucky! Get a carton today!

Of all the cigarettes I've tried,
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The milder flavor, better taste
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Alan C. Traub
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Let's go! We want your jingles! We're ready and willing and eager to pay you \$25 for every jingle we use. Send as many jingles as you like to Happy-Go-Lucky, P. O. Box 67, New York 46, N. Y.

For better-tasting cigarettes
And milder smoking, too,
I'm sure you'll find that Lucky Strike
Will be just right for you.

Ray Bishop
Texas Technological College



Institute

(Continued from Page 3)

of the meetings. Hundreds were turned away from some of them. The climax of the meeting was the inauguration of Dr. James R. Killian, Jr., as the new President of the Institute. Dr. Compton became Chairman of the Corporation.

In carrying out the basic aims of its charter, the Institute has focused on two major objectives, the advancement of knowledge through education and research, and service to the government and industry. In its present situation, it is well-qualified to fulfill these ambitions.

Letters

(Continued from Page 2)

that Friday and Saturday were not declared Institute holidays by the faculty.

Prof. JOHN A. HRONES

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Baker Leads Football League

By BOB EHLERT

Baker House's powerful football squad moved into the front of the intramural playoff standings by winning two games last weekend. With their goal line still uncrossed, the dorm men meet SAE in the potential title-clinching game on Briggs Field tomorrow at 1:30 p.m.

In the game of the week, Theta Chi played Baker House in a rough and spirited game last Sunday and came out on the short end of a 19-2 score. The first half was an even battle in which the losers threatened to score on several occasions. Baker was led by its captain and star passer, Gino Scalumandre, who was afforded fine protection by Don Tarinelli. Bob Couillard and Ted Uhler paced the excellent defensive line which slowed down Theta Chi's offensive attack throughout the game. For the losers, the defensive line sparked by end Dick Beale and the offensive backfield of Pete Conlin, Bob Danforth, and Bill Teeple, were outstanding.

Baker, SAE Down Theta Delta Chi

The previous week Theta Chi had defeated SAE on a long pass from Teeple to Conlin in the closing minutes of the game. In other play-off contests, SAE and Baker House each beat Theta Delta Chi, with the

latter operating at less than its usual efficiency, by scores of 13-0 and 13-2 respectively.

Theta Deltas Stop ATO

In advancing to the playoffs, the Theta Deltas stopped Alpha Tau Omega for the second time as Dick Foster intercepted a pass and ran for a touchdown on a very sloppy field. ATO had arrived in the league 2 finals by beating Sigma Nu 13-7 on a juggled touchdown pass from Winkfield to Howard in the last seconds of the game. Phi Gamma Delta advanced from the losers' bracket in league three only to lose an overtime decision to SAE 6-0 on one of Bill Muser's frequent touchdowns. Delta Epsilon's strong squad was unable to beat Theta Chi in either of their two encounters, and thus lost out in the league four race. Baker House waited patiently for Kappa Sigma to eliminate Phi Delta Theta, and then polished off the Kappa Sigs 21-0.

Should Baker House defeat SAE, they would win the undisputed intramural football title. If the reverse is true, these two teams will tie for the title, and Theta Chi can cause a three-way tie by defeating the Theta Deltas in the other game scheduled for tomorrow.

RIFLE TEAM

Tech's varsity riflemen will start their season with a bang tomorrow as they meet teams in two different matches. First will come a journey across the Charles for a morning match with Boston University. The Beavers will then return to their home range for a practice match with Worcester Polytech.

A distinctive feature of the Boston University meet is that, while it is a regular intercollegiate match, each team will fire a full squad of fifteen men, rather than the usual team of ten men. Only the five highest scores on each team will count, however, so that keen competition is expected. The purpose behind firing such a large team will be to provide as many shooters as possible with early-season match experience.

INTER-CLASS MEETS

Saturday, November 17, at 1 p.m. Senior, Junior, and Sophomore crews will race from the sailing pavilion to the boathouse for the inter-class trophy. Light varsity will start but is not included in trophy honors. The trophy will be presented by Dean Bowditch at the end of the day's competition.

Another inter-class event will be that of swimming which will be held at the Alumni Pool. Both graduates and each class of undergraduates will compete.

CrossCountryTeamPlacesSecond

Led by Captain Chuck Vickers, who finished second officially and third unofficially, the Institute's Cross Country team placed second behind Boston University in the New England Cross Country Championships last Monday afternoon at Franklin Park, Boston. It was the best finish for an Institute team since 1944 when the Beavers were second to Rhode Island. In 1943 the Tech Harriers won the meet.

B. U.'s much publicized star John Kelley took the lead after the first mile and held it the rest of the way to win by 200 yards over Burt Lancaster of Massachusetts. Lancaster, a freshman, was ineligible for the New England race but scored for his team in the Yankee Conference race held simultaneously. Vickers, after running 12th for the first two miles, moved up to fourth by the three-mile point and passed Ed Shea of Northeastern in the stretch to take third in one of the best races of his track career.

All Beavers in Top Fifty

Although it was Kelley who garnered the glory and the publicity, the Terriers took first mainly through the efforts of their fourth and fifth men, Al Collins and Gary Beckwith, who placed 16th and 21st. With Al Roberts and Jack Phillips in the top ten as expected, the B. U. squad finished with an amazingly low total of 55 points. It was the first time B. U. had ever won the meet.

The Beaver harriers showed ex-

cellent balance as all seven of their starters finished in the top half of the 104 man starting field. Bill Nicholson, who took fifth last year, finished eighth, followed by Jerry Tiemann, 19th, John Farquhar, 24th, John Avery, 37th, Clyde Baker, 41st, and Ian Williams, 45th. The Engineers wound up with a total of 90, easily topping Providence, which placed third with 119. The University of Massachusetts, which upset Oscar Hedlund's runners in a meet run at Amherst in a driving rain for the only Tech setback, finished a poor sixth in the 14 team field.

Tufts Wins Freshman Race

In the freshman race, won by Tufts, the Tech yearlings finished last in a ten team field, handicapped by injuries to two of their top four runners. Martin Gilvar and Charles Lory placed 31st and 37th for the Tech Frosh in the unofficial standings. Bill Horridge of Providence took first by twenty yards over Bill Smith of B. U.

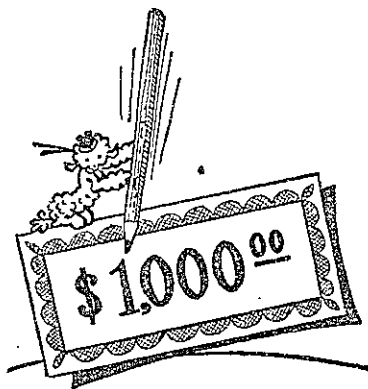
Earn Money In Your Spare Time

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Pay is on a commission basis.

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THE ROGERS PEET Inter-School-and-College ADVERTISING CONTEST



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All you have to do is write an advertisement for Rogers Peet—one in our well-known cartoon style—one that will appeal to students like yourself.

See the Bulletin Board or this publication for full details about the Contest and also some of the winning advertisements of other years.

Start now! Win a worth-while prize and also a little fame for yourself. Contest closes midnight Wednesday, November 21, 1951.

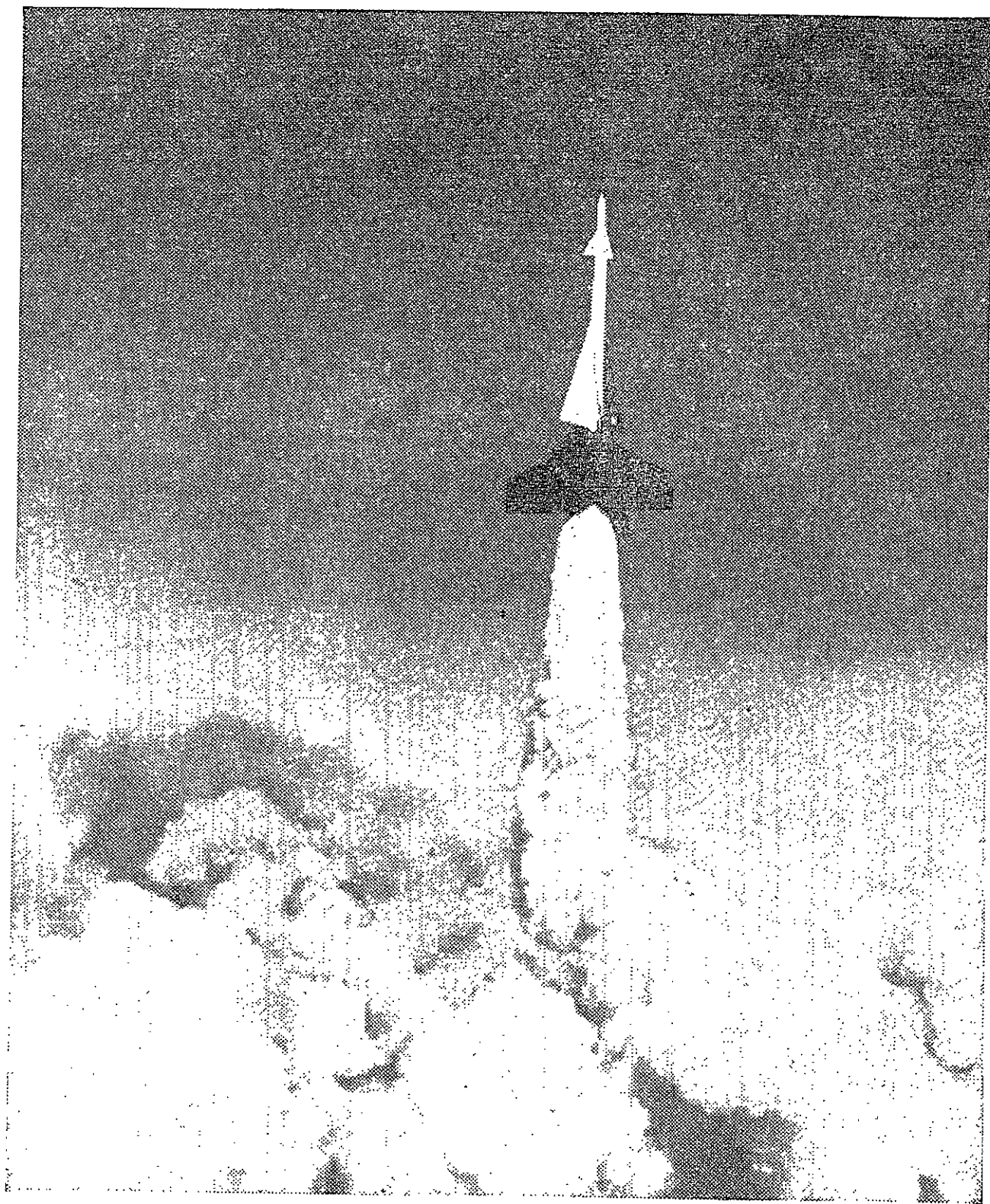
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Warren Street
at Broadway

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Tremont St.
at Bromfield St.



THE MEETING'S UPSTAIRS

What happens to a high-flying enemy bomber when it meets the newest anti-aircraft guided missile shouldn't happen to a low-flying duck.

Radar "eyes" and electronic "brains" make sure the meeting takes place. They guide the pilotless missile to within lethal range of the plane, then explode it.

This teaming of intricate tracking and com-

puting devices was made possible by teaming of another sort. The electronic control system was developed for Army Ordnance by the Bell Telephone Laboratories and the Western Electric Company, close-working research and manufacturing units of the Bell System.

It's just one of the many important military projects being entrusted to the Bell System.

BELL TELEPHONE SYSTEM



NOTICES

SYMPHONY

The Boston Symphony Orchestra will again present a series in the Boston area. Tickets for the series at \$7.50 are available at Room 14N236 until 5:00 p.m. today. Remaining unreserved seats will be sold to the public after November 15th at Symphony Hall at \$2.00 per concert. The dates for the rehearsals are November 29, December 13, January 9, February 28, and March 27.

HILLEL ONEG SHABAT

There will be an Oneg Shabat sponsored by Brandeis Camp Institute to be held at Hillel House tonight starting at 8 p.m. Services will be followed by singing, dancing, and refreshments.

Reminder for Sunday: Brunch at Alpha Epsilon Pi, Simmons dance at the Hillel House 3 p.m.; Dr. Jospe on "Rabbinical View of Religion," Hillel House 7:30 p.m.

S.A.E. MEETING

There will be a meeting of the Society of Automotive Engineers on Monday, November 19, at 5:00, in Room 31-161.

Gale

(Continued from Page 4)

uation. As a draftsman with one of the first electric light companies, he laid out the circuits for cotton mills, hotels, and other buildings. He engaged in some friendly rivalry in the electric business with H. Ward Leonard, President of the Volume I, at a time when the latter was inventing rheostats in New York. After some years, he accepted a professorship in Electrical Engineering at Stanford University.

From electrical engineering, Gale migrated, around 1910, to the field of town planning. For eight years, he was a key figure in a successful court fight to allow billboards to be regulated by local by-laws. He has served as chairman of the Massachusetts Federation of Planning Boards and has written the zoning laws for the town of Natick.

At no time in his varied career has he forgotten the Institute. "It is always a pleasure to talk with men from Technology," he told his interviewers as they bade him farewell.

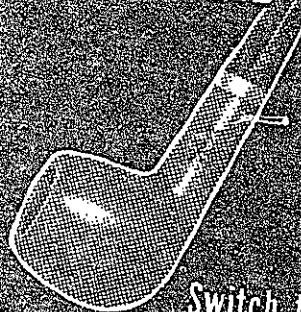
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CAMBRIDGE
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When filter turns brown—in Medico Pipes or Cigarette Holders—throw it away, with the nicotine, juices, flakes and tars it has trapped. Insert fresh filter for cooler, cleaner, dryer, sweeter smoking. Imported Briar.

NEW: MEDICO CREST—\$3.00

Medico's Finest! Rich Burgundy finish.

MEDICO V.F.O.—\$2.00

MEDICO MEDALIST—\$1.50

Wide variety of styles and sizes.

Write S. M. Frank & Co., N. Y., for Booklet 0

MEDICO CIGARETTE HOLDERS—\$1

AFTER HOURS

DANCES

FRIDAY, NOVEMBER 16

M.I.T.—The "Town" half of the Junior Prom Weekend will take place tonight at the Hotel Statler. This formal affair is featuring Freddy Martin's band and will be followed by a small buffet dinner at Baker House.

Newton-Wellesley Hospital—Once again the nurses here are holding an "Open House" record hop, from 8-12. It won't cost you anything, but it's a tough place to get to if you haven't got a car—almost as far as Wellesley College. (2014 Washington Street)

Massachusetts General Hospital—The Walcott House bids you welcome to another bi-monthly dance being sponsored by the student nurses. They'll have the usual refreshments, T.V., etc. (8-12)

Massachusetts Memorial Hospital—It looks as though the nurses have conspired to have a dance at the nurse's residence, from 8 to 12, admission 40c.

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THE TECH

Letters

(Continued from Page 2)

student membership on the Committee on Undergraduate Policy.

I would suggest as a more effective method the formation of a Student Committee on Educational Problems. This might be a subcommittee of the Institute Committee. This committee could freely consider matters of interest and concern to students without the restrictions oftentimes imposed by the presence of faculty members.

When it so desired it could meet with the Faculty Committee on Undergraduate Policy or any other Faculty or Administrative Committee. Our committee would from time to time on our own initiative ask to have joint meetings with the student committee.

There is precedence for such a setup in a number of colleges, e.g. Oberlin. At M.I.T. the Staff-Administration Committee is an example. The staff and Administrative sections of this committee hold separate meetings to consider various matters which are subject to consideration of a joint meeting when it appears fruitful to do so.

Student participation in the solution of educational problems which M.I.T. must continually deal with is vital and necessary. We wish to encourage it and take full advantage of it.

Prof. JOHN A. HRONES

Junior Prom

(Continued from Page 1)

profit which will go to the Class Treasury. Members of the committee are: George D. Stevenson, President; Charles M. Kaplan, Treasurer; Joseph M. Cahn, Alexander H. Danzberger, Julian M. Grenebaum, Jacob Pinkovitz, and Bennett Sack.

Senior Week

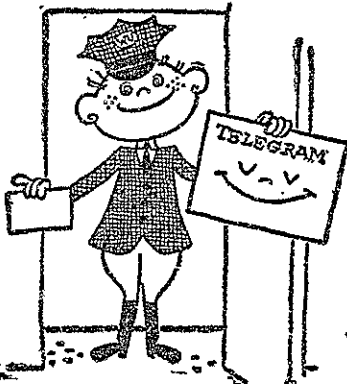
(Continued from Page 1)

member, who serves as the Treasurer, is still to be chosen.

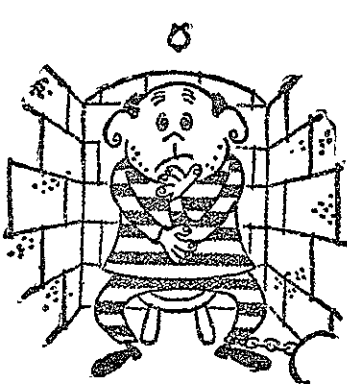
Other Members

Other members of the committee are: David N. Weber, Robert R. Schwanhauser, Luther Prince, Jr., William J. Nicholson, Nicholas Melissas, Douglas F. G. Haven, Richard H. Baker, Robert S. Arbuckle, Howard C. Anderson, and Robert M. Lurie.

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It's 12 to 1 you'll like*

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Make it clear... make it *Schaefer*

The F. & M. Schaefer Brewing Co., N.Y.