

The Tech



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CAMBRIDGE, MASS., FRIDAY, NOVEMBER 4, 1938

Price Five Cents

Bids For Field House Due Soon; Work Now Begun on New Track

With bids on the new field house to be erected on the Coop Field due this week and with the new track in the same place already under construction, work on the Institute's new athletic plant is well under way. Both the field house and the track should be finished some time next spring.

Funds for the project were made available through last year's Alumni Drive. In this drive \$402,000 was pledged and of this \$282,407 has already been collected. The new track is to cost about \$25,000 and it is thought that the bids on the field house will run around \$82,000.

Track Designed by Rubien

The new track was designed by Frederick W. Rubien, member of the Olympic Committee since 1914, and the actual construction work is under the supervision of his son, Mr. Ruben, incidentally, designed the present track in use since 1914. The oval itself is to be of the 1/4-mile type, and its measurements are laid out in both the

English and the metric system. The cinders are to be 18" deep, and it will have a 220 yard straightaway.

Lockers for 432 men have been provided for in the new field house. Besides that, there are to be rooms for 3 visiting teams, each with facilities for 30 men. Two offices for coaches, one for officials, one rubbing room, 20 showers, and space for equipment storage have all been entered in the specifications. To top it off there will also be a sundeck on the roof. Designers of the field house were Professors Lawrence B. Anderson and Herbert L. Beckwith of the School of Architecture.

Swimming Pool Next Spring

Late next spring it is expected that building will begin on the new swimming pool on the East side of the present Barbour Field House. In addition to this certain additions will be made to relieve as much congestion as possible due to athletic offices in Walker Memorial.

Norvo to Play At 5:15 Dance

Red Is Tops Xylophonist; Mildred Bailey To Be Vocalist

Starring Red Norvo and Mildred Bailey, the 5:15 Club will hold its Thanksgiving Eve Harvest Hop in the Main Hall, Walker Memorial. The affair is formal and will last from ten to three. Options are now on sale in the Main Lobby at \$1.50.

The Norvo-Bailey combination is widely known from coast to coast, as the orchestra broadcasts from New York night clubs over a nationwide network. Norvo, whose slogan is "Keep them smiling from the time they say, 'Hello'", is considered to be tops in the art of the xylophone and is famous for his soft, subtle swing.

Popular Recording Artist

He has made several popular recordings both with and without Miss Bailey. Some of these are being played in the Main Lobby during the sale of options.

Mildred "Rockin' Chair" Bailey is famous for her soloist work, and she, too, has many popular recordings to her credit. It was through her that Bing Crosby began his career. Both she and Norvo were at one time connected with Paul Whiteman.

Although the Norvo-Bailey combination, with Red's present band, has been established only two years, the group has earned for itself the reputation of being one of the finest swing bands in the country.

Dorclan Chooses 10 New Members

Initiation Banquet Will Be Held Wednesday Night, November 9

Dorclan, honorary dormitory Junior-Senior society, yesterday released the names of the men elected to the group at their last meeting on October 25.

The initiates will have a banquet in their honor on Wednesday night, November 9.

The following men were elected to membership:

Henry Rapoport, '40; Joseph B. Wiley, '40; John Kapinos, '40; Al Wu, '40; Roy C. Heacock, '39; Richard H. Braunlich, '40; Reeve C. Morehouse, '40; Charles S. Mercer, '39; William H. Rieser, '39; and Edward J. Lemanski, '40.

Among the members elected last spring were the following, all of the class of '40: William J. Schnorr, Walter H. Farrell, and H. Garrett Wright.

The Tech And Voo Doo Meet In Pigskin Match

The Pigskin will fly around Tech Field again Sunday at 2:30 P. M. when an eleven captained by General Manager David A. Bartlett, '39, of The TECH tackles a Voo Doo contingent headed by Robert C. Casselman, '39, general manager of Technology's joke filter.

Occasioned this year by a challenge from the humor boys in Phosphorus' first issue, the football game between The TECH and Voo Doo has been an annual classic. Last year the humorists were vanquished by the reporters.

To prevent any pre-game activities, the line-ups for Sunday's classic will not be revealed until the day of the battle, leaders announced last night. It is understood, however, that Captain Bartlett will play guard for The TECH, while Captain Robert Casselman will line-up as a tackle for Voo Doo.

EDITORIAL

Our statements, printed a week ago have evidently been construed to be disapproval of the T.C.A. Drive in general, which is not the case. The benefits that every student receives from the T.C.A. activities are enormous, and the amount of valuable social work that they do is a credit to the whole Institute. There is no reason why students should withhold their support because of one small difference in opinion.

Results of the poll tabulated in this issue show the present student attitude toward the Tech-in-Turkey project, and we have good reason to believe that the T.C.A. will make a conscientious effort to determine the opinion of contributors before they continue the plan for another year. The system of recording the lists of per capita donations on the posters will be discontinued today through popular request, indicating in another way that the T.C.A. is interested in cooperating with the students.

The T.C.A. Drive will be continued till Tuesday of next week, and it is the duty of the student body to contribute to this worthy cause. It is unfortunate that our discussion appears to have turned some of the students away from what they would probably have done had we not interfered, but it has crystalized opinion of two main issues and we sincerely hope that those who have been holding out will come through.

It is often easy enough to find reasons for not doing things, but all ideas to the effect that the T.C.A. is not trying to cooperate have been proved unfounded. On the other hand, one has but to read the list of departments to find ten or more ways in which he himself is helped by his own contribution, neglecting entirely the others who benefit by this slight obligation. With no possible embarrassment from ability to contribute large amounts, we have good reason to expect 100% of the students to contribute.

"Tech-in-Turkey" Voted Down, 2-1

The Tech Poll Shows That Student Majority Favors Drive Methods

About 2 to 1 against Tech-in-Turkey was the consensus of student opinion as gathered in a poll by THE TECH last Wednesday. Rolling up a huge vote, the students also showed by more than 4 to 1 that they thought this money could be used to better advantage. Student approval was given to the way in which the Drive is conducted.

497 Vote in Poll

Polling in the Main Lobby lasted from 9 to 5 last Wednesday, in order that a representative cross-section of student opinion could be obtained. 497 students cast ballots.

54.1% of those voting approved the way in which the drive is conducted, 39.9% voting "No", and the remaining 6% not voting on this question. Among the minority vote were several specific complaints,—according to one voter, "The drive should be conducted by voluntary contributions. There should be no comparative ratings on Dorm or Fraternity ratings." Still another voiced the opinion of partial approval "except for the big posters which show the amount per man in the fraternities."

78% Plan to Contribute

In response to Questions 1 and 2, 71.8% of the voters have contributed in past T.C.A. drives, with 78.4% contributing or planning to contribute this year.

The Tech-in-Turkey question elicited a great many extemporaneous comments on the ballot sheets. One person said "I like to have that in Siam too," while another indicated his desires with a "Tech-in-Texas." The run of the mill had such statements as "Yes, but no \$1,000 worth," "Yes, but not paid for by the students," and

(Continued on page 2)

Poll

T.C.A. Drive Ends Tuesday

Dollars-per-Man Figures Stricken From Drive Bulletin Boards

The T.C.A.'s Annual Drive, in progress now, will be continued until next Tuesday night, it was announced last night by Elmer F. De Tere, '39, president of the T.C.A. De Tere also announced that the "dollars per man" item on Drive bulletin boards will be omitted hereafter.

\$2,800 Collected to Date

Figures released late last night by the T.C.A. show that a total of \$2,797.33 had been collected. 1,266 students, or approximately 42% of the student body had contributed to the Drive, which has now reached 70% of the goal of \$4,250. All who wish to contribute are urged to contact T.C.A. solicitors today, and a desk will be provided in the Main Lobby for the convenience of donors.

The drive, which has ended its fourth day, is being conducted so as to contact all students in the Institute. The president of each fraternity has been made solicitor in his house, while the dorms are covered by a general chairman, a chairman for each house, and another chairman for each hall. The commutators are reached by mail if they cannot be contacted in their sections.

Medical Aptitude Tests To Be Given Friday, Dec. 2

Medical Aptitude Tests for those students who may desire to enter a medical school next autumn will be held Friday, December 2, in Room 3-305 from 3:00 to 5:00 P.M., Dr. Samuel C. Prescott, Dean of Science, announced last night.

No students will be admitted to medical school if they have not taken these tests.

C.P.S. Refused Program Money

Junior Treasury Board Allowed To Attend A.A. Meetings

At the shortest meeting of the year last night, the Institute Committee decided, through the newly formed finance committee, to deny the Combined Professional Societies financial aid until a program more inclusive of the member societies was submitted.

Vice-President Grant, chairman of the finance Committee, in submitting his report quoted extensively from the C.P.S. constitution. He stated the constitution expressly provided that all action taken by the C.P.S. should be for the benefit of the member societies and for them only. The program submitted was to include lectures for the student body as a whole.

"Eagle" Constitution Rejected

The constitution of the Order of the Golden Eagle, a society for members of old American families, was not accepted, pending suggested changes by the Institute Committee.

A motion by Stuart Paige, president of the M.I.T.A.A., proposing that members of the Junior Treasury board be admitted to meetings of the M.I.T.A.A. was passed.

Freshmen to Be on Inst. Comm.

"Hap" Farrell, president of the Class of '39, suggested that three freshmen be appointed temporary Institute Committee representatives pending elections at the regular council meeting.

Ralph Tucker, '39, was approved as secretary-treasurer of the C.P.S.

Prof. Allis To Lead Climb By M.I.T. Outing Club

Outing Club members will climb the Black and White Cliffs in Melrose in a practice trip on Sunday. After members have acquired enough skill, an attempt will be made on Armistice Day to scale Joe English Hill under the direction of Professor William P. Allis. Professor Allis is an experienced mountain climber, having ascended two crevices never before scaled. Allis' folly in Huntington Ravine, Mount Washington, and Allis' folly on Joe English Hill.

Members participating in the first trip will leave, equipped with sneakers and a lunch, at 9:45 a.m. from Walker; ropes will be provided.

A bicycle trip will also be conducted Sunday. English bicycles will be used to traverse the South Shore as far along as conditions permit.

Jackie Ford Plays At All-Tech Night

Affair, Set For Tonight In Walker, Offers Varied Entertainment

Music by Jackie Ford and his orchestra will be one of the entertainments of the informal All-Technology Dance and Game Night, to be held tonight from nine to one in Walker Memorial.

Included among the evening's activities are to be whist, bridge, bowling, and the raffing of a live turkey. A door prize of five dollars will also be presented. Dancing, with several sets of square dances promised, will be held in the Main Hall.

Affair is Benefit

The purpose of the affair is to raise money for the endowment of a bed in any hospital for the use of Institute employees. The fund will provide the patient with \$35 a week for two weeks, if he is too sick to be moved to a hospital.

Inst. Comm. Announces Upperclass Committees

Elected on Wednesday by the members of their respective classes, the following upperclass committees were announced last night at the regular meeting of the Institute Committee:

JUNIOR PROM COMMITTEE—

David R. Goodman David T. Morgenthaler, Franklin E. Penn, Philip A. Stoddard, Wesley J. Van Sciver, and Richard M. Crossan and Edward M. Wallace, alternates.

CLASS DAY MARSHALS—

Harold R. Seykota, Stuart Paige and Richard S. Leghorn.

SENIOR WEEK COMMITTEE

—George W. Beer, George Beesley, Peter M. Bernays, Nicholas E. Carr, Jr., Wiley F. Corl, Jr., Robert C. Casselman, Gus M. Griffin, Michael L. Herasimchuk, Richard S. Leghorn, Augustus Murrillo, George R. Mitchell, Jr., Morris E. Nicholson, Stuart Paige, Winthrop B. Reed, Edwin K. Smith, Jr., Harold R. Seykota, Robert J. Saunders, Oswald Stewart, II, Wilbur D. Vincent, Aaron M. White, and Frederick A. F. Coker and Will B. Jamison, alternates.

The Tech

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THE GLORY OF WAR

In the past, THE TECH has attacked compulsory Military Science as many students were forced to drill when they did not want to. That situation has been satisfactorily remedied.

A fault remains, however, not with the administration of the Institute, but with the psychology that is necessary to keep discipline in our army. We are using the German theory of training which postulates that the men must be made proud to join, to train long hours, and to give up their civil rights. The very uniform of our Army, and Navy also, is one of the greatest drawing influences since it completely reverses the compulsion from an external force to an inward desire compelling men to join.

Not all soldiers enlist because of the honor and glory they imagine belongs to military men, but it has a huge effect in changing their attitude. The necessity for having some uniting element in a group that is to work with precision can not be denied, but some system should be devised to eliminate the subtle poison present in our military uniform to-day.

There is no more ghastly or dirty job than fighting, and there is no good reason why the public should not be acquainted with its true nature. The fancy and glamorous uniform of our Military Services is one of the lowest forms of deceit known to man. That the public is misled about the true nature of the next war is clearly evident from the effect of H. G. Wells' Radio Play the first of this week. It is time that they learn what to expect in the next war. A change to plain costumes like those used for initiation of the Scabbard and Blade members would be a step in the right direction.

SCIENCE IN BRIEF

BY ARTHUR M. YORK, '38

Scientists see a story behind the story of Germany's recent annexation of the Sudeten

territory of Czechoslovakia. Although Hitler has gained control of a number of desirable munitions works by the annexation, he has assumed a new problem of food supply, because the Sudeten area has not been producing nearly enough food for its own consumption and has been depending for sustenance upon other sections of the Czech nation which will hereafter be across an international boundary. Furthermore, there are textile plants in Sudetenland which will have to import cotton and wool if they are to continue producing real, not artificial, fibres. (1)

As the result of observations during the World War, physicians have been able to devise a new method, employing "surgical maggots," for curing various types of chronic infections which can be made to yield to no other methods. Serving in 1917 in France, Dr. William S. Baer observed that wounded soldiers who had lain on the battlefield for several days often had wounds filled with maggots but were not infected and that, as soon as the maggots were removed, a speedy recovery resulted. Subsequent developments of the idea by Baer and others in the United States has resulted in a method for introducing sterile maggots intentionally in certain types of "suppurative infection," and especially in cases of bone infection. The types of maggots used to eat only the dead tissue, die when the infected part has been entirely eaten away, and can finally be washed away with a salt solution. (2)

Laboratory measurements have proved that bread made from a mixture of cereals is more nutritious than that made from a single cereal. Now it is known that the additional benefit is linked with what is known as the "protein factor," because mixed cereal protein has an increased nutritive value. However, modern measurements only confirm the beliefs of many of the farmers of North China where millions of people have been on a 95 per cent vegetable protein diet for centuries. (3)

Archaeologists believe that the Babylonians will outlast us in history because they wrote the story of their civilization on durable clay tablets whereas we are content to leave our records on flimsy paper. (4)

For more complete discussion of the above items, consult recent periodicals as follows: (1) Science News Letter, Oct. 1, 1938, p. 213. (2) The Scientific Monthly, Sept., 1938, p. 252. (3) Scientific American, Sept., 1938, p. 133. (4) Science News Letter, Oct. 1, 1938, p. 215.

LETTERS TO THE EDITOR

To The Editor:

Having studied in Robert College for seven years, and in the Institute over two, it has been possible for me to see both sides of the "Tech-in-Turkey" question; and in this letter I wish to add my voice to that of Mr. Frederick R. Henderson, '32, in praising the project from the point of view of both a student of the institute and a former student of Robert College.

Apart from the fact that the movement gives an American a chance to spend one year in a country which differs vastly in life, culture, and ideals from his own; it also helps, very materially, to promote, in Robert College—and more important—in Turkey and the Balkans, an interest towards the work done in the Institute, directly, and the United States, as a consequence.

It is my sincere hope, and of many others, I believe, that the idea will be continued, rather than be abandoned because of secondary discrepancies over the financial arrangements, which can and should be planned for the benefit of all concerned.

(signed) S. R. Soyak, '39

Reviews and Previews

COLONIAL—Fred Stone portrays a lovable reprobate in a revival of Frank Bacon's 'Lightnin' which opened Monday.

COPLEY—Haiti, William Du Bois' melodrama of the struggle of the independence loving natives against the French, continues.

SYMPHONY HALL—The Jascha Heifetz recital will be given here Sunday.

(Continued on Page 4)

Reviews and Previews

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Poll

(Continued from Page 1)

"Have the Institute pay the \$1,000 to Robert College".

One man proposed that the money used for this project be turned to Educational work in our country, while another said that it is a D— good outlet as it is . . ."

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BELL TELEPHONE SYSTEM

Booters Drop Tough Match To Harvard

Referee's Decision Means Crimson Victory In Overtime Tilt

TECH LOSES 4 TO 3

A referee's decision spelled the difference between fame and defeat to a fighting Tech soccer team which bowed to an undefeated Harvard eleven last Wednesday afternoon at Harvard. The Harvard squad which has been rated among the country's best was forced to an extra period to beat Tech 4-3.

Tech Leading 'Till Last 10 Minutes

Going into the last ten minutes of play with a lead of 3-2, the Tech team was fighting with their backs to the wall as Harvard continually bombarded the goal. Finally a kick by one of the Harvard backs found Harmdem, right inside of the Crimson, who kicked the tying goal. The issue of the game was whether or not Harmdem was offside when he received the pass. If that was true the goal would not have counted and the game would have ended with the Tech team victorious 3-2. The overtime periods found Tech fatigued, and substitutes in the Harvard eleven. The game fight of the Tech eleven ended with a Harvard goal in the last minute of the overtime.

Harvard Scores First

Ten minutes after the opening gun, Harvard drew first blood on a goal by Mendel. Not to be outdone Tech five minutes later scored after a series of the prettiest passwork ever seen in intercollegiate soccer carried the ball into position for Al Wu, right outside to kick the goal.

Before the end of the half, Herguth, star Tech forward, had booted one of his two goals thru the post after a pass by Laker.

Tech Leads 3-1

Continually fighting to win the game the Tech squad forged further in front in the third period when Herguth kicked his second goal. Harvard also scored in this period to make the fourth period the deciding point.

The skill and fight displayed by the Tech team in this game gives heart to the followers of the Cardinal and Grey that the team will fare well in the remaining games.

This Saturday the team travels to Worcester to tackle Clark University.

The lineup:

Harvard—g., Williams; r.f.b., Harnden; l.f.b., Bradley, Lewis; r.h.b., Scully, Phillips; c.h.b., Jacobson; l.h.b., Edgar; o.f., Johansen, Ives; i.r., Harmdem, Willets; c.f., Page; i.l., Witkin, Rousmaniere; o.l., Mendel.

M. I. T.—g., Mitchell; r.f.b., Haden; l.f.b., Sosa; r.h.b., Foster, Fernandez; c.h.b., Regalado; l.h.b., Samuels; o.r., Wu; i.r., Kirman; c.f., Laker; i.l., Herguth; o.l., Miller.

Harvard 1 0 1 1 0 1—4
M. I. T. 2 0 1 0 0 0—3

Scoring — Harmdem 2, Mendel, Miller, Herguth, Wu, Page.

Referee—William Welch. Linesmen—Blake and Hanford. Time—Four 25m. periods and two overtime periods.

Beaver Key Tournament Finishes Quarter Finals

A game between the Kappa Sigma Fraternity and the Phi Mu Delta Fraternity this week-end will climax the quarter-finals of the Beaver Key Touch Football Tournament. The four remaining teams will then enter a round robin which will determine the winner of the entire tournament. The first game of this round robin will also be played this week-end between the Phi Gamma Deltas and the Sigma Alpha Epsilons. The tournament is supposed to end by the third week in November.

Harvard Defeated By Lacrosse Team

Winning Of Practice Game Forecasts Good Season For Tech Team

Forecasting an exceedingly auspicious season, the Institute lacrossers met and defeated the Harvard team in a practice game held on Coop Field last Wednesday afternoon.

Led by Captain John Alexander, the Instituturs rolled up a 5-4 score over the Crimsonmen. Bob Maddeux, Tech's new coach replacing Johnny Tucker, expressed himself as very pleased with his team's performance and looking forward to a large turnout for the spring practice and season.

John Witherspoon, now coach of the Harvard freshman team and last year assistant coach at Tech, refereed the game.

The Tech lineup:
In home: Schuchard; outhome: Halstead; 1st attack, Alexander; 2nd attack: Seim; center: Martin; 2nd defense: DeTiere; 1st defense: Plumsett; point: Crowlord; cover point: Silber; goal: Seykota. Goals by Schuchard, Seim, Alexander. Substitutes: Creamer.

New Lighting Problems Discussed By A.I.E.E.

Increased efficiency is the keynote of modern illumination research. Mr. R. G. Slauer of the Lamp Division of the Westinghouse Company told his audience at the A.I.E.E. lecture held yesterday afternoon in Room 10-275.

With the aid of many examples of new and old type lights, Mr. Slauer gave a brief history of light sources, including the old carbon filament incandescent bulbs, the different forms of tungsten filament lamps, with their various gaseous fillers, the comparatively new gaseous vapor lamps and the new fluorescent lamps.

Showed Crypton Lamp

He also showed how each in turn had a higher efficiency. Although there have been many lamps of higher efficiency made than those in common use, said Mr. Slauer, they are for one reason or another impractical, as is demonstrated by a crypton filled 40 watt lamp which would cost over \$4.00.

Mr. Slauer then discussed the various problems connected with the search for higher efficiency in lamps. He demonstrated and explained the fluorescent lamp, the latest development in practical high efficiency lights. This lamp is an ordinary mercury vapor lamp on the inside of which is coated a fluorescent material, which changes ultra-violet light to visible light. The purpose of this, explained Mr. Slauer, is to make use of the large amount of ultra-violet given off by the mercury arc.

Tech Enters 25 In N. E. I. A. A. Cross Country

New England Colleges Attempt To Defeat R. I. State

MAINE LOOMS AS THREAT

Hoping to overcome Rhode Island State, the two year title-holder, fifteen colleges take the field this Monday afternoon in the twenty-sixth annual New England Intercollegiate cross country meet. The meet will be held at Franklin Park.

10 Varsity Tech Men Entered

Coach Hedlund has entered ten of his varsity runners, including Dan Crosby, team captain and Ed Lemanski; and fifteen men in the freshman meet. The varsity men will be Stanley Backer, E. Daniel Crosby, Lester W. Gott, Ed J. Lemanski, Chester W. Ross, Olaf S. Rustad, Parks R. Toolin, Lawrence C. Turnock, John F. Wallace, William E. Wood.

15 Tech Men in Frosh Meet

Freshman entries are: Eugene Brady, Russell Brown, William Colepaugh, Arthur Gow, Bill Hense, Fred Hopewell, Fred King, Arthur Knudson, Lee Martin, John McNulty, Dan Schaffer, Morris Rosenthal, Bill Strong, Ed Warren, Arthur Power.

Seven men from each college will be allowed to start, but only the first five in will count in the scoring. The varsity meet will begin at 2:15 in the afternoon, preceded at 1:45 by the freshman contest.

Rhode Island's title is threatened chiefly by Maine, whose Don Smith, last champion, is expected to repeat his victory. The varsity mark for the four mile course is 21 min. 28.8 sec. made in 1928 by E. C. Veysey of Colby. The freshman mark, over a 2 1/2 mile course, is 16 min. 34.6 sec. made in 1937 by Richard Meade. Meade is not entered this year.

Mayer To Furnish Music For Boat Club's Dance

Observing a precedent of past years, the Boat Club is now preparing for its annual Crew Dance, to be held November 18 in the Main Hall of Walker Memorial. Leon Mayer and his eleven piece orchestra will feature the evening's program of entertainment, which also includes motion pictures during intermission of last spring's races and the recent interfraternity race.

Tentative decoration arrangements, including oars and a shell, are planned to lend a pervading nautical atmosphere to the occasion. The dance, which is to be formal, will be managed according to cabaret style. The price of admission is two dollars per couple.

Fall Inter-class Meet To Be Held Saturday

Featured already by a large entry, the Fall Interclass track meet is scheduled to be held Saturday afternoon at 2:00 on Tech field.

The meet is of particular interest, since Coach Hedlund said it would probably be the last track meet held on the present cinder track. The surface material of the track has begun to be removed for use on the new track approaching completion on Coop Field.

Although the surface will soon be laid on the new track, it will not be ready for use until next spring.

Intramural Teams Race This Sunday

Dinghymen Plan Events For Weekend; Harvard Freshmen Here

Three regattas will be sailed off simultaneously this Sunday at 10:00 A.M. on the Charles. The M.I.T. team, Runyon Colie, '40, C. Eric Olsen, Jr., '39, and Herman H. Hanson, '39, will sail against Brown; at the same time the M.I.T. Grads will compete with the Charles River Yacht Club, the M.I.T. team being made up of Chester R. Haig, Jr., Robert Heggie, Peter G. Kolupaev, Allen R. Lukens, and Henry G. Ingersoll. The Harvard freshmen will race the Institute freshmen; the team of the latter group will be chosen from the results of Saturday's intramural races.

Course VI-A Elects Men To Publications Staffs

Hexalpha, honorary Course VI-A society, announces that the following men have been elected to the "VI-A News", and "Sparks", the two Course VI publications. The men were elected at the meeting of Course VI-A on Wednesday, Oct. 26.

VI-A NEWS staff includes:
Editor-in-chief, C. C. Lawry; Associate Editor, C. T. Goddard; Advertising Manager, L. Cavendish; Asst. Adv. Manager, R. W. Cobean.

The SPARKS staff is:
General Manager, G. J. Laurent; Editor, D. S. Frankel; Advertising Manager, G. A. Senior; Asst. Adv. Manager, W. F. Suchard.

Chem. Society Inspects Brewery On Plant Trip

Fifteen members of the Chemical Society made a plant trip to the Croft Brewery, Roxbury, last Wednesday afternoon. The party left for the brewery at 2 P.M. and returned to the Institute at five.

When they arrived at the plant, they were shown all the complicated processes of beer-making. These processes included the making, pasteurization, bottling, and canning of the beer. At the end of the plant inspection, the Tech chemists were furnished with gratis samples of the company's product.

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Squash Season To Be Opened Today

Rally To Be Held In 2-190; Three Of Last Year's Varsity Remain

Officially opening the squash season, the squash enthusiasts of the Institute will hold a rally Friday, November 4, at 5:00 p.m. in 2-190. Jack Summers, coach of the team and four times national professional champion, will address the group, and Bill Babcock, this year's captain, will comment on the team's chances.

Three letter-men are returning to the team, which last year had an average of 50%. Babcock, '39, Bob Miller, 40, and Alex Thackara, '39, will be the mainstays of this year's contingent. Irving Peskoe, '39, winner of the junior varsity tournament last year, and Art Arguedas, '41, runner up in last year's freshman tournament, are probable candidates for the vacancies in the lineup.

Steel Processes Shown In Movies By A.S.C.E.

In a movie, "Steel, Man's Servant", produced by the United States Steel Co., to which the student body is invited the student chapter of the American Society of Civil Engineers will show the entire process of making steel. The movie, which is in Technicolor and sound, will be shown in Room 10-250, at 4 P.M. and again at 5 P.M. Monday, Nov. 7.

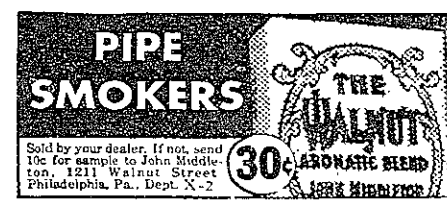
Far from being a dull, wholly technical exposition of the manufacture of steel, the movie has many spectacular and breath-taking shots, such as the pouring of molten steel taken at close range. It has been well received at showings at the Fine Arts theater in Boston and at Harvard.

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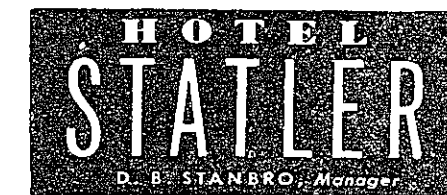


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CALENDAR

FRIDAY, NOVEMBER 4

- 9-6 P.M. Opening Photo Service Portrait Studio, Room 11-004.
- 3-6 P.M. Tea at Portrait Studio Opening, Room 11-004.
- 3:00 P.M. Labor Relations Lecture, Room 1-390.
- 5:00 P.M. The Clef Meets in Room 6-120.
- 9:00 P.M. All Tech Night in North Hall.

SATURDAY, NOVEMBER 5

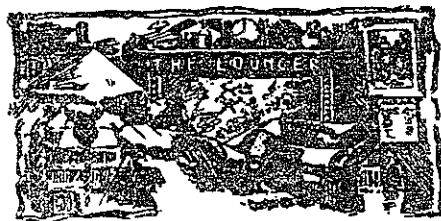
- 1:00 P.M. Chess Club Meets in East Lounge.
- 2:00 P.M. Fall Interclass Track Meet on Tech Field.
- 8:00 P.M. Student Staff Dance in North Hall.

SUNDAY, NOVEMBER 6

- 10:00 A.M. Dinghy Races at Sailing Pavilion.
- 2:30 P.M. Voo Doo—The Tech Football Game, Football Field.

MONDAY, NOVEMBER 7

- 9:00 A.M. Sophomore Dance Options on Sale, Main Lobby.
- 1:45 P.M. N. E. Intercollegiate Cross Country Meet at Franklin Park.
- 2:30 P.M. Tech Dames Meeting, Emma Rogers Room.
- 4:00 P.M. Making of Steel, Motion Picture, Room 10-250.
- 5:00 P.M. Second Showing Making of Steel, Room 10-250.



Tale Of Woe

It seems that there is a freshman in the freshman class who has a female friend. Now this freshman has reason to think highly of his female friend, and she had equal reason, until a time, to think equally well of him. But now no more.

It seems, again, that on a certain Sunday evening this freshman was invited to his female friend's house for supper. And after supper the family went to the movies, only the freshman and his female friend stayed home. And so, in the natural course of events, there they were in the parlor. And so, the light fuse blew out.

Now, as we have hinted, it was what happened after that that lost her to him. The freshman isn't really to be blamed, we suppose, but there is no help for it. He spent the rest of the evening trying to fix that fuse. Honest.

Important Notice:

Will all Bosuns who expect to be Initiated attend to the following:

Those subject to water on the ear from immersion, please show evidence to the fact with a doctor's certificate.

Those who are definitely not singers furnish a statement to that effect signed by the director of the Boston Conservatory of Music.

Initiation Committee

Looks like the old Father Neptune at the Equator gag.

Incidentally, there is no Boston Conservatory of Music.

At Last

Many people on many occasions (and ourself among 'em) have belittled Walker food. But Walker food is not all bad. It can't be. For we have found a use for it.

Walker, among other things, serves rolls made of strings of dough tied in a knot and baked. And on these rolls rests the burden of our proof. They are useful, these rolls tied in a knot. They can be untied.

Ode End

One of the recent popular diversions, the Lounger has noticed is the work of perversed punsters in making snap lines for the end of nursery rhymes. There are thousands floating about and a few good ones. The leather bound pie for this season goes to the following:

Hickory dickery dock
Three mice ran up the clock;
The clock struck one,
The others suffered minor injuries.

Ah, Horrors

This is a tale of woe, and it comes from the Summer Mining Camp.

Last summer there were several assorted students and a Professor at the camp. And four of them, every evening, would sit them down and have a hand of bridge. So, in the course of time, one of the players committed a grievous error and trumped his partner's ace.

Now, generally, trumping your partner's ace is not too serious a thing. One's partner seldom draws a gun. It is not an inexcusable social error. But not so here. He trumped his Professor's ace.

Ali Baba

The spirit of adventure is not dead . . . no. It is still alive. And the spirit of Science has been given monkey glands by the inclusion of gadgets galore in new Rogers. And one of these is a door which opens by means of an "electric eye". And the "del" is near the new building. And a lubricated engineer climbing wearily up the stone terraces of new Rogers spies the phantom door of new Rogers opening for passes thru, even as Ali Baba's rock of old. And the beery beaver gets ambitious. He inhales, throws out his chest and runs full speed against the magic door. Which does not open in time.

Prizes Announced For Best Papers

Stratton Prize Committee Outlines Rules For Eligibility

In order to stimulate the interest of the student body in training and practice in the presentation of public scientific papers, the late President Stratton donated \$100 as the foundation of a fund to award annual prizes to the students submitting and presenting the best papers.

The competition, successfully carried on since 1930, is open to all undergraduates, but members of professional societies, Juniors, and Seniors are especially urged to compete.

The rules for the competition are as follows: The papers must not necessarily be reports of original work, but should represent a discussion of some problem or phase of scientific research, or development in pure science, applied science, or engineering. The papers may be illustrated by slides, diagrams, or experimental demonstrations provided these are not too complicated, and the whole must be presented in the designated time of fifteen minutes.

Students who wish to compete are urged to consult their English professors, and any one else who may be of aid to them.

Having decided to enter the competition, and having selected a topic for the paper, the student is advised to consult his departmental adviser and president of his professional society. Competing students in any one department should then present their papers at a special meeting arranged for the purpose, by the professional society and the department adviser, at which a jury composed of both students and staff members selects the most outstanding papers presented as shown by the quality of the paper and the quality of presentation.

This preliminary sifting, taking place within the first two weeks of the second term, should limit to three candidates from any one department. Semi-finals for the competition will take place after February 25, 1939, and the final competition will take place early in May, 1939.

Medical Marvel

All Tech men are, of course, noted for their keen, knife-edged intellects. The particular pride of the Institute is the group of mental giants studying in the graduate division of Biology and Public Health. These students really are well informed in their medicine . . . some are graduate nurses or doctors.

One dank and dark Monday morning as the soap laden breezes surge toward Building Ten from the land of the Lever Brothers, a Course VII class in vital statistics is in progress. The legal aspect of a declaration of death is being discussed. A young hopeful is questioned by the professor, "What is the precise and exact legal definition of death" . . . "I . . . uh . . . don't know." Unperturbed over such an admission as most faculty members are, he forges ahead, "Well, how can we determine when an individual is dead?" Like the infinitely happy expression on the face of the Walker cashier when you pay your check in cash instead of ink, is the radiance on Brilliance's face . . . says he, "Oh, that's simple, we just perform an autopsy."

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DINNER and SUPPER DANCING

M. I. T. Radio Society Formed In 1909 As First In Any College In Country

Among the many "firsts" around the Institute is the M.I.T. Radio Society, which was formed in 1909 as the first college radio society in the United States.

Through its four transmitters, the society's amateur radio station WIMX, has contacted hundreds of other amateur stations throughout the world. These transmitters give the station four "voices", and make it possible to put through its calls despite the vagaries of one or the other of the four wave-bands. The 20, 40, and 80 meter code transmitters can be operated simultaneously and from the same key. This arrangement is a great advantage when the atmospheric conditions are not known because contact can thereby be made on the most favorable band.

Value of Station

The station showed the real value of amateur radio to public service during the recent hurricane in New England. Although all land lines to the stricken areas were out of commission, WIMX, together with other Boston amateur stations, kept in touch with stations in the hurricane district. For six days after the end of the hurricane, the few operators then around school heroically kept WIMX on the air for 18 hours, even when one

antenna mast blew down at the height of the storm and a temporary set-up had to be arranged immediately. Amateur radio operators are bound by practice to transmit, when possible, all messages which come to them if there is pressing need for delivery.

Relays Hurricane Messages

The operators of WIMX expended every effort to relay the tremendous volume of relief and personal messages which poured in after the hurricane. In one instance, a feature story from Hartford for a Boston newspaper was received, requiring nearly two hours to transmit. This story was later printed almost verbatim as received by WIMX and filed nearly a page.

The American Red Cross also conducted part of its relief work through the facilities of the Technology station.

Aided in California Floods

During the California floods last year, the society relayed messages for students who were worried about their parents.

This year, the society has sixty-five members, being one of the largest college radio societies in the United States. Code practice for those few who do not have their amateur operator's licenses is now being held on Wednesday and Thursday afternoons.

Reviews and Previews

(Continued from page 2)

day at 3:30. The famous violinist will be accompanied by Emanuel Bay.

FINE ARTS—Moonlight Sonata has been held over and will continue through Wednesday, when Amphitryon will start its run.

LOEW'S STATE AND ORPHEUM—Frank Capra's You Can't Take It with You, starring Jean Arthur, James Stewart, and Lionel Barrymore, has been retained for another week. The companion film is Vacation from Love.

SCOLLAY AND MODERN—The program starting today includes If I Were King, with Ronald Colman, and Mysterious Mr. Moto.

PARAMOUNT AND FENWAY—Brother Rat, starring Priscilla Lane and Wayne Morris, has its Boston opening this week. The alternating attraction is Five of a Kind, based on the lives of the Dionne quintuplets.

METROPOLITAN—Men with Wings and Road Demon have been held over. The former, a saga of the air, is filmed in technicolor and stars Fred MacMurray.

UNIVERSITY—Beginning Sunday, the program includes Four Daughters and The Gladiator. Wednesday brings back Wife, Doctor, and Nurse. The Last of Mrs. Cheyney will also be shown. Starting Thursday, My Lucky Star and The Lady Objects are featured.

EXETER—Gloria Stuart in Time Out for Murder and Janet Gaynor and Franchot Tone in Three Loves Has Nancy, share the screen at this theatre.

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SPECIAL GROUP RATES

KEITH MEMORIAL—Service DeLuxe, featuring Constance Bennett, is the hilarious new comedy which opened here yesterday. The co-feature is The Storm, with Charles Bickford and Preston Foster.

UPTOWN—The new program beginning today is Four Daughters and Meet the Girls.

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