

ANNUAL DORMITORY SMOKER WILL HAVE BIG VAUDEVILLE BILL

"Dolly," Who Danced With
"Obie" At All-Technology
Smoker, To Entertain

IS FREE TO DORM MEN

Will Be Held in Hall of Carr
Fastener Company—Invite
Many Prominent Guests

Dormitory men will forget their studies for at least part of tomorrow night when they gather in the hall of the Carr Fastener Company for the annual dormitory smoker. Besides smokes and refreshments there will be vaudeville, which the committee in charge states will start exactly at 8 o'clock.

Departing from the usual custom, the Dorm smoker committee announces that it has secured a highly paid act as part of the vaudeville entertainment. This act is the team of Scott and Baird, a blackface act on the order of Moran and Mack. Dolly Hillson, the young performer who included a dance with Orville B. Denison in her act at the All-Technology Smoker, is another act which has been secured.

Professor Leicester F. Hamilton '14 and Bursar Horace S. Ford of the Dormitory Board, Assistant Dean Harold E. Lobdell '17 and Orville B. Denison '11, Secretary of the Alumni Association, will be present. Frederick G. Hartwell, Assistant Superintendent of Buildings, "Eddie" Pung, in charge of the refreshment facilities of Walker, Albert W. Bridges, director of the Walker Dining Service, and Frank H. McCafferty, superintendent of the dormitories, have also been invited.

The favors will furnish the surprise of the evening, it was announced. The affair is free to dormitory men and is exclusively for them. Admission will be by ticket only, the tickets being distributed through the dorm mail boxes. Music for the affair will be furnished by a three-piece orchestra. The committee in charge consists of George E. Francis, Jr., '28, Chairman, Marshall S. David '29 and Harold C. Plant '30.

A. I. E. E. ARRANGES ENGINEERING TALKS

Bursch Will Address Meeting
Of Electrical Students

Students of electrical engineering are to receive the benefit of a new service inaugurated by the M. I. T. Student Branch of the American Institute of Electrical Engineers. One of the chief questions the undergraduate faces is what kind of a position he will step into upon graduation and how he is to obtain it. The Student Branch has arranged for a series of meetings at which representatives of engineering companies will endeavor to answer that question.

Mr. W. O. Bursch of the General Electric Company will address the first of these meetings in room 5-330 Friday night at 6:45 o'clock. On Nov. 11 Mr. O. W. Eshbach will speak for the Bell Telephone System. Meetings covering other fields are to be announced later.

A free supper for electrical students precedes the meeting Friday night in room 1-345 at 6 o'clock. The Student Branch has arranged the meeting to be concluded at 8 o'clock so that it will not interfere with any other engagements for the evening.

Time Trials for Relay To Be Held This Week

Time trials for the Field Day relay teams will be held today and Saturday afternoon, according to the announcement of Coach Oscar Hedlund. The 50 candidates who have been training rigorously since college opened have been waiting eagerly for this news and now will have a chance to show their speed. Coach Hedlund will be on the job after 2:30 today, and those who do not make a good showing then will have another chance Saturday.

Extra! Duke of Tech Is Dead Says Boston Paper

Startling in the extreme was the announcement in one of the Boston newspapers that the "Duke of Tech" was dead. While most of the students at the Institute realized that there is a president at the head of Tech, few knew that there was an organized peerage established here. It was feared that some innocent freshmen might begin to call their professors by the title of "Your Highness" or "Your Lordship."

However, the monarchistic plot was soon exposed as a mere typographical error on the part of a headline writer, in reporting the death of the Marquis of Cambridge, Duke of Teck, a brother of Queen Mary of England. With that the fears of the Institute body subsided, including those of students who hail from Chicago.

Debating Society Gets Under Way At First Meeting

Plans Made for Coming Season
Include Radio Debate and
Ten Others

Debating at Technology received its official start for the season 1927-28 at the first meeting of the Debating Society last Thursday, which was attended by nearly all of the former members. Last year's Varsity debating team, Ralph T. Jope '28, Paul V. Keyser '29 and Sol Horowitz '29, are all back again, as is the freshman team of last year, Howard Gardner '30, James C. Mvir '30 and Joseph H. Harrington, Jr., '30. Members of the freshman team of 1926 were also there, thus practically completing the list.

It is the intention of the society to arrange debates with about ten well known universities, including Princeton, Harvard, Yale, Cornell, Tufts, Bates, and several others. Letters have been sent to the debating societies of these colleges, asking for engagements, and replies are expected soon. The society will also try to arrange a debate with the English team which is coming over here to debate Harvard. This team is composed of representatives of the biggest English universities, and should provide a lively debate if one can be arranged.

Radio Debate Planned

Another highlight of the debating season will be a debate via radio with some recognized technical school, several of which have been challenged. There will also be two debates for the freshman team which is to be formed, one of which will be a debate with the Dartmouth freshmen. All freshmen
(Continued on Page 4)

MENORAH SOCIETY TO MEET WITH SIMMONS

Members of the Technology branch of the Menorah Society will hold a joint meeting with the Simmons branch of the society on Tuesday evening, Nov. 1, in the North Hall of Walker at 7:45 o'clock.

Rabbi Harry Levi, of Temple Beth Israel, who is known, among other things, for his ability as a speaker, will be the speaker of the evening. Following the meeting, a short program will be put on, and refreshments will be served. All members are asked to attend, and any students who are interested in the Menorah Society are invited to come to the meeting and join the society.

WALKER COMMITTEE OPENS COMPETITION

On Thursday, Oct. 27, the Walker Memorial Committee will begin a two weeks' competition, open to Sophomores. At the end of the competition four Sophomores will be chosen who will hold office until class elections in the spring, when the two Junior members are elected. This competition offers an opportunity for a ten-point job in the Senior year with only two years' previous work. All men interested should see Chairman Riley at the Walker Memorial office in the basement of Walker tomorrow between 4 and 5:15 o'clock.

Send Out Winter Schedules To All Alumni in Boston

Team Captains Must Submit
Set of Training Rules
to M. I. T. A. A.

Schedules of All-Technology athletic contests during the fall and winter season were sent yesterday to all the alumni in the vicinity of Boston and Cambridge. Accompanying these are season tickets for the entire season which may be purchased for \$5. It is hoped that this plan will help increase the attendance at games in the future.

In the meeting of the M. I. T. A. A. yesterday it was announced that the captains of the Varsity teams would be required to submit a set of training rules for his respective sport to the Executive Committee of the Athletic Association. These rules must be approved by the coach and will serve the purpose of helping the men to keep in better condition, as the training kept by the members of the teams has heretofore been rather lax.

The Athletic Association has recently purchased two sweaters which will be loaned to men who will be picked as Varsity cheerleaders. These men will be admitted to all Varsity games and it is hoped that with their aid there will be organized cheering and a large undergraduate attendance at future contests. The competition for the position of Varsity cheerleaders will be announced shortly.

M. I. T. WILL HAVE BOOTH AT EXHIBIT

Industrial Show at Cambridge
Armory Will Feature
Institute Work

Scientific aids to industry showing the results of research and its application to practical uses will be seen in a special exhibit arranged by the Institute at the Cambridge Industrial Exposition, which opens today in the Cambridge Armory, on Massachusetts avenue.

Specimens of rope, wire, steel, cement and fabrics tested in the engineering laboratories will be on exhibition as will also various instruments of precise measurement, including apparatus which measures to a millionth of an inch by use of light beams. A working model of the type of still used in refining gasoline from crude oil will be shown by the Department of Chemistry, and the Mining Department will have many samples of ores on exhibition.

X-ray Exhibit Arranged

Prize sketches executed by students will be shown by the Department of Architecture, and the Civil Engineering Department has set up a complete model of the summer surveying camp, at East Machias, Maine.

One of the features of the exhibit will be a radio transmitter of the latest type from the Electrical Engineering Department. Methods of purifying water will be given by the Department of Biology and Public Health, and the Physics Department will have an unusual and spectacular exhibition of X-ray apparatus and photographs showing the applications of the X-ray to industry.

Many beautiful model yachts will be shown by the Department of Naval Architecture, and there will be a model wind tunnel and miniature planes representing the course in Aeronautical Engineering.

William Jackson, of the Information Service, will be in charge of the exhibition and students in uniform will act as guides and explain the uses of the apparatus shown.

MUSICAL CLUBS CALL FOR SPECIALTY ACTS

Tryouts for the Musical Clubs' Specialty Acts will be held tonight at 5 in room 2-190. Piano duets, banjo duets, and novelty acts are about the best examples of a Specialty Act, and the men who qualify take part in all the entertainments and concerts and enjoy the same privileges as do the regular members of the clubs. This is practically the last opportunity to make the Musical Clubs this year, and anyone with talent along these lines should come out.

PARENTS OF LOWER CLASSMEN WARNED OF STRICT FIELD DAY RULES BY PRESIDENT STRATTON

PRESIDENT STRATTON
TO ADDRESS FRESHMEN

A belated, but nevertheless wholehearted welcome to the freshman class will be extended by President Samuel W. Stratton at a mass meeting of the entering class in Room 10-250, tomorrow at 4 o'clock. Although the custom in the past has been for the President's welcome to be extended at the first of the term, it was impossible for this to be done this year, as President Stratton has been in Europe attending a conference on Weights and Measures.

This is the first opportunity that the President has had to talk to the yearlings, and it is especially important that all members of the Class of 1931 be present.

Investigation Of Dorm Situation To Be Undertaken Committee of Twelve Men To Report Findings To Corporation

A thorough investigation into the dormitory question will be undertaken in the near future by a special committee authorized by the Corporation of the Institute, it was announced yesterday by President Samuel W. Stratton. This committee will be composed of 12 men, according to the plan outlined by the Corporation, and will consider all phases of the dormitory problem.

Three of these 12 will be undergraduates, appointed by the Institute Committee, but no provision has been made to limit these appointments to students actually living in the present dormitories. Besides these students, there will be three members of the Corporation, appointed by President Stratton, three members of the Alumni Council, appointed by its president, and three members of the faculty, preferably those constituting the present Dormitory Committee, which supervises the actual governing of the students in the dorms.

Committee to Report in March

No action has as yet been taken in regard to the appointment of the representatives from the undergraduate body or from the Alumni Council. The next scheduled meeting of the Institute Committee will be held tomorrow evening, while the Alumni Council will hold a meeting next Monday and it is expected that at these meetings the respective representatives will be chosen.

It is expected that the committee will make a thorough study of the entire dormitory situation, and will devise ways and means of solving the problem which is constantly growing more acute. The report of the committee must be presented to the Corporation not later than its scheduled meeting in March of next year, it was stipulated in the resolution which created the committee.

ATTEMPT TO IMPROVE WALKER LUNCH MUSIC

Because of the unsatisfactory results given by the large loud-speaker hung from the roof of Walker Cafeteria in amplifying the music which is provided for the students at meals, new arrangements of amplifiers are being tried out. These experiments are necessitated by the peculiar acoustics of the hall, since it has an extraordinarily large number of echos.

Yesterday the large speaker was cut out, and the music broadcasted by two smaller horns placed at the top of the first and last windows on the left side of the hall. In the near future different combinations of amplifiers will be experimented with in various locations until the best effects possible are obtained. These experiments are being carried out under the direction of Edward L. Bowles, Professor of Telephone Communications.

ANY PARADING OFF GROUNDS TO MERIT SPEEDY EXPULSION

President Stratton Gives Full
Support to Institute
Committee

NO GAS ON FIELD DAY

Letters have been sent to the parents and guardians of every member of the freshman and Sophomore classes by President Samuel W. Stratton informing them of the action which is being taken by the Institute Committee with regard to Field Day. This is being done at the request of the Committee and states that this action has the full sanction of the Institute authorities, as follows:

"It has been customary at the Institute since 1901 for the Sophomore and freshman classes to participate in a series of athletic contests known as Field Day. For this purpose the first Friday afternoon in November is set aside by vote of the faculty.

"During the past few years there have been unauthorized parades outside the Institute grounds the night preceding the athletic events, and impromptu demonstrations following them. As a result of this the Institute has sometimes been placed in an unfavorable position before the general public.

Stern Warning Issued

"Conduct of future Field Days has, therefore, been under consideration by the student government, working in conjunction with representatives from the Faculty and Alumni Association. Among their recommendations for the conduct of future Field Days was:

"That in order to protect the good name of the undergraduate government, there shall be no parade or demonstration of any character off the Institute grounds, and that the President of the Institute be requested to support this decision by giving due notice that the offenders render themselves liable to expulsion.

"The Institute authorities have
(Continued on Page 4)

TOMORROW LAST DAY FOR MEDICAL EXAMS

125 Freshmen, Many Transfers
Are Still Delinquent

"Appointments for medical examinations will close Thursday and any freshmen or transfers still delinquent will be liable to a summons." This is the warning sent out, by Dr. Louis W. Croke, Assistant Director of the Medical Department, as the final day draws near.

Transfers are especially urged to make their appointments today or tomorrow. Only a small percentage of them have been examined so far, many of them believing that not being freshmen, they are not obliged to take the examination. This is not the case as the Institute desires a medical record of every student.

"This year's freshman class has been much more prompt than previous years and it is expected that a large part of the 125 still left will have made their appointments before Thursday" was the statement made by the Medical Department last Monday. Up to that day over 800 examinations and re-examinations had been made.

CALENDAR

Wednesday, October 26

3:00—Soccer game, Bradford Duffey vs. Technology on Coop Field.
5:00—Tryouts for Musical Clubs Specialty Acts, Room 2-190.
5:00—Instrumental Club Rehearsal in Faculty Dining Room, Walker.
7:30—Meeting of Tech Show Music and Lyric Writers, East Lounge, Walker.

Thursday, October 27

4:00—President Stratton's Address to freshmen in Room 10-250.

Saturday, October 29

10:30—Cross-Country New Hampshire vs. Technology at Franklin Park.
2:00—Football, Tuft's freshmen vs. Technology on Tech Field.
2:00—Soccer, Technology vs. Clark at Worcester.

A Record of Continuous News Service for 46 years



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MANAGING BOARD: P. E. Ruch '28, G. I. Chatfield '28, J. A. Parks, Jr. '28

ASSOCIATE BOARD: W. W. Young '29, J. G. Sullivan '29, A. C. Pforzheimer '29, G. F. Palmer '29

EDITORIAL DEPARTMENT: A. P. Morell '28, H. Rouse '29, E. L. Welcyng '28, C. J. LeBel '30

NEWS AND SPORTS DEPARTMENTS: G. R. Taminosian '28, L. C. Hamlin '29, W. J. Danziger '29, P. Keough '30

REPORTERS: F. C. Fahnstock '30, L. R. Moses '29, C. Connable '30

OFFICES OF THE TECH: Walker Memorial, Cambridge, Mass. News and Editorial—Room 3, Walker, Telephone Univ. 7029

BUSINESS DEPARTMENT: Treasury Department: G. Smith '30, E. L. Krali '30

Circulation Department: D. W. Diefendorf '30, G. K. Lister '30, D. Giller '30, A. Latham, Jr. '30

Advertising Department: S. A. Moss '30, J. Guerrieri '30, H. B. Preble '30, R. H. Haberstroh '30

In charge of this issue: Carl Connable '30

ARE YOU A SNOB?

ONE of the biggest accomplishments which the present group of undergraduates could make for Technology would be the institution of the "hello habit" at the Institute.

Numerous discussions of both a verbal and written nature have occurred over this rule, but still there is something very much lacking in our undergraduate contact which we believe the "hello habit" would completely cure.

It is a fact that many of the upperclassmen are too much in a "fog" to even come out of it and say "Hello"—they are the units of undergraduate inertia who by their laissez-faire attitude make snobbishness and stone cold stares the rule rather than the exception.

In addition to this snobbish and uncooperative group of upperclassmen, however, there is a group of upperclassmen who have realized the value of a "hello" rule and who are more than willing to do their part.

Last year we had the privilege of attending the Eastern Intercollegiate Newspaper Convention which was held at Amherst College. One of the most lasting impressions which we have of that visit is the fact that while we were on the Amherst campus every man that we passed gave us a cordial greeting.

All Four New Technology Buildings Are Rapidly Approaching Final Form

Considerable Doubt Whether Large Wind Tunnel Will be Used

The four buildings now under construction are rapidly taking form. When finished it is estimated that their total cost will be approximately \$900,000.

The structural steel work of the aeronautical laboratory is now completed, the first floor concrete has been poured and the forms are ready for the second floor.

Wind tunnels which were used in the old aeronautical laboratory will be used in the new one. There is still some doubt as to whether the large tunnel will be used, as it did not prove satisfactory in the old laboratory.

The first floor will be occupied by a drafting room, locker room, a working museum, and a library. On the

second floor there will be a large rigging laboratory, a drafting room together with several offices and class rooms. The third floor is to have several smaller laboratories, class rooms and a drafting room for graduate students.

The laboratory is being constructed through the generosity of Daniel Guggenheim. When complete it will be one of the most modern and best equipped in the country.

The infirmary when finished will have 15 beds. It will also have clinics for the eye, ear, nose and throat. A large and modern solarium will occupy the entire top floor.

The exterior work on the two new dormitories is practically complete, so that the interior work can proceed without regard to weather conditions. They will be finished in much the same style as are the older dormitories. It is expected that they will be ready for occupancy by June and will be used for the summer students.

AS WE SEE THE MOVIES

STATE

"Ben Hur"—with Ramon Novarro. (Until Monday.)

There can be no question but that this picture is one of the most beautiful and remarkable things that has ever come out of Hollywood. We saw it some time ago when it was shown at advanced prices at the Colonial Theatre and we were ever more glad to see it when it was shown at regular prices at the State. In fact, we think that we shall see it for the third time later on in the week.

Countless stories have been issued as to the cost of various movies, but we are sure that few more expensive and elaborate pictures have ever been filmed. The amount of research that must have been expended to make the result authentic is stupendous. The end is well worth the means.

The story of the life of Christ which is interwoven in the theme is particularly laudable. It is a delicate subject to handle at any time and the reverence with which it has been treated is sure to please the peoples of all creeds.

If there were a list of movies which no person could afford to miss, we are confident that "Ben Hur" would be at the top. We have absolutely no hesitation in recommending the picture and hope that all those for whom it is possible to do so will not fail to take advantage of the opportunity. Seldom does such a chance come to us.

As We Like It

AIDA

To the average Technology man Grand Opera is not a habit; and even less, is it something to do because it is being done. But the fact remains that any production such as that of "Aida" given last evening by the San Carlo Company at the Boston Opera House cannot fail to please.

The appeal of Grand Opera is to us, who have not been privileged to hear it for a generation or so, quite different from the appeal which it has for old habitués. So it would be useless for us to attempt to erudite criticism of something of which we know little.

The first person that impressed us was the orchestra director, Carlo Peroni. It was profoundly interesting to see the facility with which he handled the orchestral ensemble; to see displayed the consummate skill with which he drew from momentarily forgotten corners some little musical strain expressing some new note in the composer's mood.

Then one could not fail to be impressed by the gorgeousness of the settings which colored the production with all the glamour of ancient Egypt.

Lastly, and best, was the singing. While all of the singers were excellent, we must confess a predilection for Amneris, the daughter of the King. It may not have been her voice at all, but her startling beauty of which one was ever conscious. To most of us the names of Louise Taylor, as Aida, Coe Glade, as Amneris, Fernando Bertini, as Radames, mean nothing; but to a very large percentage of the audience they must have meant much. It was indeed an appreciative house which greeted each and every singer, and which appreciations were so graciously acknowledged.

THE TECH BOOK LIST

GENTLEMEN MARCH, by Roland Pertwee. Boston: Houghton Mifflin Company. Price \$2.00.

Back in the days of our parents' youth there used to be a certain type of romantic novel which brought great joy to all its readers. It was the story of the beautiful princess of an obscure Balkan country whose great love for a commoner enabled the two of them to overcome almost-impossible obstacles. We had thought that this sort of thing had gone out together with the moustache cups and the other relics of what has frequently been called the mauve decade.

Please understand that we are not saying that we did not get a huge kick out of reading this old "hokum"—we are merely trying to show that it is old and that it is "hokum." Mr. Pertwee has been fortunate, however, in that he has so much more to add to the story this century. He

has been able to incorporate the Foreign Legion, Bolshevism and Mussolini together with the rest of the standard idea.

We are coming more and more to believe that it is not so much the plot as the way the thing is written that counts these days. We have criticized the plot and yet we were very much pleased with the book and will read it again. There is something about it that is vitally human. Perhaps it is the fidelity with which the characters are portrayed and perhaps it is the tenderness with which the frequent love scenes are treated. We knew from the start, of course, that the fellow would finally get the girl—and yet we followed him from disaster to disaster almost praying that everything would come out alright in the end. It was all very foolish and childish of us, and yet we are not ashamed of it.

There are many people who will be decidedly bored by this story but we believe that there is an infinitely greater number who will be able to spend more than a few happy hours with it.

THE STORY OF EVEREST, by Captain John Noel. Boston: Little, Brown and Company. \$4.

Our interest in Mount Everest was born, as many another's in a Geography class in grammar school. Teacher: "What is the highest mountain (Continued on Page 4)

\$1 INITIAL \$1 Christmas Cards SOMETHING REALLY DIFFERENT 15 Assorted Cards, Envelopes tissue lined, Christmas designs in colors. Sentiment and YOUR INITIAL on each card, all Steel Die work. Space for name. Send \$1 for trial box. Pilgrim Studios. 11 E. Otis St., Boston. AGENTS WANTED - BIG COMMISSION.

YOUR CLASS CARD entitles you to 3 Cents PER MILE OFF our regular rates (14-18c per mile) CHRYSLERS PAIGES FRANKLINS New Rate Effective MONDAY, OCT. 24, 1927 11c to 15c per Mile Except Saturday's Sundays and Holidays PUTNAM SQUARE MOTOR SERVICE 1051 Mass. Ave., Cambridge, Mass - Uni. 4478

NEW DRESS CLOTHES FOR HIRE READ & WHITE SPECIAL STUDENT RATES 111 Summer Street and 93 Mass. Avenue, Boston Woolworth Bldg. Providence, R. I. Telephone Connection

"There was a sound of revelry by night." -LORD BYRON ONCE upon a time an undergraduate came back from his summer vacation, bought a case of "Canada Dry" and to his friends said, "Come around to my rooms, this evening. . . ." "There was a sound of revelry by night," as Lord Byron put it. And if you don't believe me, look it up in some canto or other of Childe Harold. This is not a story of flaming youth. Or anything devilish. But just this: "Canada Dry" is the smoothest, mellowest, most palatable ginger ale you've ever tasted. It quenches your thirst. It has a distinctive flavor. It mixes well with other beverages. It contains no capsicum (red pepper). And it is really good for you. "CANADA DRY" "The Champagne of Ginger Ales" Extract imported from Canada and bottled in the U. S. A. by Canada Dry Ginger Ale, Incorporated, 25 W. 43rd Street, New York, N. Y. In Canada, J. J. McLaughlin Limited. Established 1890.

SOCCER TEAM WILL PLAY BRADFORD

MASS MEETING OF SWIMMERS IS HELD

Coach Dean Speaks to Large Group of Candidates At Rally

Seventy-five men attended the swimming mass meeting held Monday in Room 1-190, a large percentage of them being freshmen. The men were addressed by Manager Ray Underwood who introduced Coach Russell Dean to the new men and announced that practice will begin on the Monday after Field Day and will be held on Mondays, Wednesdays, and Fridays thereafter from five to six for the Varsity and from seven to nine for the freshmen.

Coach Dean spoke about the changes in membership in the New England Intercollegiate Swimming Association of which the Institute team is a member. This year Springfield College and Boston University were admitted to membership and both will probably be represented by a team although B. U. has not definitely settled the matter as yet.

A short talk by Captain Grover concluded the meeting. He spoke encouragingly of the team's chances this year against other colleges since only two or three of last year's Varsity were lost by graduation. He warned all men who intend to compete for positions on either the Varsity or freshman teams this year that strict attention to training rules will be expected of them and that he will see to it that they are obeyed.

Institute Booters Are Slight Favorites to Win Game on Coop Field

Technology's fighting soccer team meets Bradford Duffey Textile school on the Coop field this afternoon at 3 p. m. Although not much is known about Bradford, an interesting game is expected because Bradford is in Fall River, an exceedingly strong soccer town. The Engineers will have a strong team out as their victory over Worcester Saturday has greatly strengthened their confidence. The team has improved greatly since the first game of the season and they ought to have the edge over Bradford.

Because of an injury that he received last Saturday Ilav Mong will not be able to play throughout a full game, consequently the right forward wall will be considerably weakened. However, the forwards are showing much better cooperation than they did a week ago and their passing has improved about 100%. The addition of Sparre to the left forward wall has greatly strengthened the forwards as a whole. The most important thing that the forwards have to learn is to remain in their positions when the ball is in Technology territory. They have the habit of running back and trying to cover the ball all over the field, and when the backs send the ball up the field there is nobody to receive it and the opposing fullbacks have a clear field and kick it right back again. This fault applies to all positions as well as the forwards. However, the forwards have a better passing combination than the backs have. They have developed some pretty good cross passing between the left and right sides. This was helpful in the scoring last Saturday.

Lack of cooperation is the chief fault of the half backs, in spite of the fact that their teamwork has improved considerably. They do not give the forwards and fullbacks all the assistance that they need, and also have the habit of running all over the field instead of remaining in their positions. If each man played in his position and covered his man there would be much better teamwork and quite a bit more scoring. As a whole the halfbacks are not as weak as they have been and if they keep on improving they ought to remedy the fault of getting out of position in a few weeks. Cooper has turned out much better than was expected, and he played a good game last Saturday. If he keeps up the good work he may be able to remove the weakness that has been evident in the halfbacks in the past few games.

Hawkins and Riehl are still missing one or two passes although they put up a good game last Saturday. A fullback's job is a hard one as he generally gets blamed for most of the goals that are scored. With Wyman as goal, they will probably have to keep on their toes although Wyman is a good goal tender, he is not as good as Sparre who is needed in the forward wall. Wyman played well last Saturday and will keep his position as goal tender if he keeps up the good work. This will enable Capt. Sparre to remain as outside left and thus keep the forward wall strong. The game tonight ought to be interesting and everyone who can should come out and see for himself what this year's soccer team looks like.

Rope Heavers Are Quickly Rounding Into Condition

Freshmen Look Fairly Well for Green Men—Sophs Have Weight Advantage

Looking over the rope pullers, the observer's eye can easily see that a first class battle is coming off on Field Day when the freshmen and Sophomores take the field for the first pull. Both teams have shown considerable improvement during the past week and it is a very difficult undertaking in attempting to determine the better of the two squads.

Yesterday the Sophomores moved from their old spot behind the Hangar and pitched camp over beside the rifle range, where they found considerable difficulty in attempting to pull, as the ground was in none too good condition. However, the second-year men held up well and after practicing a few starts on a post the men were divided into squads and several short practice pulls were taken.

In the frosh camp behind the squash courts, Coaches Trahey and Tufts put the first-year men through a long strenuous workout and pulled most of the time on the post where, in an effort to acquire better form, practice pulls were then held and the majority of the frosh look good. However, the first-year men are handicapped by a lack of heavy men, which the Sophs have an abundance of. The frosh appear to have acquired the proper spirit and with the aid of a few heavy men would look better on the rope than the Sophs, in spite of the latter's experience.

Practice will be continued this afternoon at 5 o'clock behind the squash courts for the frosh while the Sophs will exercise their rope pulling ability behind the rifle range.

Capt. Jimmy Fitzpatrick of Holy Cross is the sort of leader to inspire any team. He is only a little fellow, weighing 110 soaking wet, but he has a wonderful fighting heart and always has an awful kick in the last stretch of a race.

FRESHMAN ELEVEN GREATLY IMPROVED

Plays From Huddle Work Well Under Directions of Coach Silva

After the way the frosh eleven outplayed the outfit from Boston University last Saturday afternoon it looks as though the yearlings were becoming a real football team. In spite of poor practice conditions Coach Frank Silva seems to have jacked up his men during the past week.

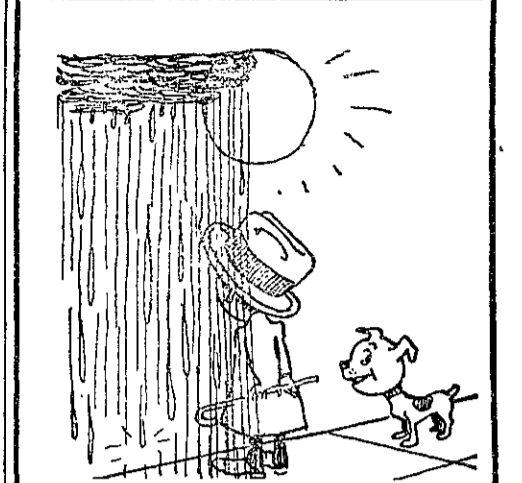
Two weeks ago the frosh lost a game to New Bedford to the tune of 22-0. A week later they came back for a 12-6 win against what rated as a much stronger team. Evidently the boys are getting their stuff down better and putting it across with more steam.

Having all the plays started from the same huddle, done every time in the same way and with the same rhythm is very disconcerting to the opposing team. Coach Silva has been drilling his squad on this style of offense all season. How effective it is when mastered is shown by the way the yearlings lineup smashed through in the game last Saturday.

Along with this start off the team has mastered some clever shifts. When one starts there seems no way of telling where it is going until it is all over. The line is solid enough so that it seems to soak up all line plunges. End runs seem to run into the same fate.

Considerable more spirit seems to have developed in the first-year squad. The last few practices have shown increased attendance. Yesterday enough men were out so that a good scrimmage was run off. If the team continues to improve as much this

week as last, the Tufts freshmen will have anything but a pleasant visit here Saturday.



You won't care whether it rains or not if your new Fall overcoat's a Scotch Mist*.

In sizes for M. I. T. men of every build.

Durable! Economical!
Fall hats, shirts, ties, socks, suits — everything M. I. T. men wear.

*Registered Trademark.
ROGERS PEET COMPANY
Broadway at Liberty Broadway at Warren Broadway at 13th St.
Herald Sq. at 35th St. New York City Fifth Ave. at 41st St.
Tremont at Bromfield Boston, Massachusetts

Hotel Kenmore Barber Shop
490 Commonwealth Ave.
WHERE TECH MEN GO
6 Barbers with a smile
Bootblack Manicuring

STONE & WEBSTER
INCORPORATED
DESIGN steam power stations, hydro-electric developments, transmission lines, city and interurban railways, gas and chemical plants, industrial plants, warehouses and buildings.
CONSTRUCT either from their own designs or from designs of other engineers or architects.
OPERATE public utility and industrial companies.
REPORT on going concerns, proposed extensions and new projects.
FINANCE industrial and public utility properties.
NEW YORK BOSTON CHICAGO

SIMPLEX
WIRES AND CABLES
INSULATED WITH RUBBER
PAPER OR VARNISHED
CAMBRIC
SIMPLEX WIRE & CABLE CO.
MANUFACTURERS
201 DEVONSHIRE STREET
BOSTON
CHICAGO SAN FRANCISCO
NEW YORK CLEVELAND
JACKSONVILLE

SPIKES

It certainly was an awful shock to the followers of the M. I. T. cross country team when Holy Cross won last Saturday. No matter how you doped it the Purple didn't have a chance, but when it came down to the actual race the Crusaders had the stuff to come through.

Varsity and frosh harriers are now using the hill in back of the track house in preparation for Saturday's meets because the course at Franklin Park is a hilly one, unlike that at Harvard. The hill isn't a very important looking place but it serves the purpose of strengthening the muscles of the cross country men for the coming races.

On Saturday the M. I. T. harriers face their second opponents when they race New Hampshire at Franklin Park. There will be no danger of overconfidence this week for the Wildcat team won the New England's last year and the losses sustained by graduation are made up for from the ranks of last year's championship frosh team. New Hampshire has already had two meets, losing to Maine and defeating Bates.

"SENIOR DANCE" TUXEDOS For Hire
Full Dress, Tuxedos and Cutaways, Silk Hats, Shoes and Shirts—Special rates to Tech Men.
EDW. F. P. BURNS COMPANY
125 Summer St., Boston



Chesterfield smokers don't change with the tides **! ...but watch how other smokers are changing to Chesterfield!**



Investigation Among Students Reveals Amazing Ignorance About Technology

Simple Statistics Concerning Buildings Are Foreign To Undergraduates

Do you know that construction on the new Technology was started in April of 1913 and that it took exactly three years to complete one of the most modern education plants in the world? A quiet investigation of several weeks duration among the members of the student body has uncovered an amazing amount of ignorance about some of the simple statistics concerning Technology buildings.

At present, Institute grounds cover an acreage of approximately one hundred on both sides of Massachusetts Avenue. The buildings now standing, including those now under construction, occupy over twelve and a half acres of land, while an additional twelve acres have been reserved for future educational plants. Structures reserved for student use, i.e. the athletic field, Walker Memorial and the dormitories cover more than twenty-five acres of ground. It has been calculated that a single floor in the Institute buildings has an area of close to three acres while all the floors in all the buildings occupy over eighteen acres.

Built on Swamp Land

Technology was built at an initial cost of six million dollars. This sum includes one million for land, draining and grading; around million for the buildings excluding those now being erected; and one million for the power and distribution system. Walker Memorial was built entirely from Alumni funds and cost a half million dollars. The dormitories including the dorm "Class of '93" approximated an expenditure of more than four hundred thousand dollars, money for which was drawn from donations, bequests and Alumni contributions.

Twenty-five thousand piles, some forty-five feet deep extending into solid rock, support the Institute buildings from sinking into the ground which was formerly almost wholly marsh-lands and swamps. 465 carloads of stone, 5,000,000 brick, 80,000 bags of cement and 5,000 tons of reinforcing steel were used in pouring the foundation and putting up the structures.

It is not generally known that the Great Court which is 360 feet square will hold the Boston Public Library with room for a wide city street on either side. The Dome which houses the library is 180 feet high from the ground, and 70 feet high from the library floor.

Huge Machines Used

Of special interest to the students are the statistics covering the apparatus of the various laboratories. The power house has a steam capacity of more than two thousand horsepower, the heat of which is brought to the buildings through a subway 1,000 feet long and seven feet square inside measure. The main for condensing water for the turbines is 30 inches in diameter and one-quarter mile in length. The electric transmission laboratory has over 2,000 nautical miles of artificial submarine cable, 2,500 miles of aerial line and a 150,000 volt power transmission span. The hydraulic laboratory contains 800 feet of canals, a pump of 22,000 gallons a minute capacity, a reservoir 40 feet square, and a weir box 100 feet long and 10 feet wide.

The four new buildings which are rapidly nearing completion represent an expenditure of a half a million dollars. The finished aeronautical building which alone will cost a quarter million dollars, will house the latest developments in its laboratories, and will accommodate comfortably over two hundred students.

M.I.T. DEBATORS HOLD THEIR FIRST MEETING

Radio Debate and Ten Others On Year's Schedule

(Continued from Page 1) who are interested in debating should see Mr. Dean M. Fuller in room 2-176 as soon as possible.

A tryout debate will be held shortly for the benefit of those students who have not debated at the Institute previously. Announcement of the exact time will be published in The Tech. All those men who have any aspirations towards debating whatsoever should not fail to come out for the tryout and should join the club.

The society accepted with regrets the resignation of Howard S. Root '28 as manager of the society, and elected Sol Horowitz and Paul V. Keyser as joint managers in his stead.

ENGAGEMENT RING LOST

LOST—Between 400 Memorial Drive and the Track House, a gold watch and chain, with engagement ring attached. Finder please return to Charles T. Ramsey '29, 400 Memorial Drive. Telephone University 2341.

President Warns Parents of Rules About Field Day

Emphasizes Fact That Expulsion Is Penalty For All Who Violate Rules

(Continued from Page 1)

every confidence in the student government and believe that their decision is a wise one. Accordingly I am sending notice of this action to you as the parent or guardian of a member of the Sophomore or freshman class."

At the meeting of the Field Day Committee yesterday, it was announced that further precautions have been taken to prevent the chance of the use of any gas on Field Day. All bromine and benzol chloride in the laboratories will be placed under careful supervision, and those using these compounds for any doubtful purpose reported. Use of gas on Field Day renders the offender liable to expulsion from Technology.

Whether or not the proposed glove fight suggested by the Field Day Committee will become a real part of this year's Field Day will depend on the decision of the Institute Committee at its meeting tomorrow afternoon. At this time the detailed plans of the fight will be brought up and discussed thoroughly and as a result will either be approved, amended, or discarded by the student government.

Yale has just established a new institution called the Personnel Bureau. The Bureau is divided into two divisions, one a bureau of appointments which endeavors to help graduating seniors in securing positions; the purpose of the other is to help in the orientation of freshmen. Material is collected which will aid in vocational guidance, and is made available to the students.

THE TECH BOOK LIST

(Continued from page 2)

in the world, Tommy?" Tommy (if he had studied his lesson): "Mount Everest, in the Himalaya Mountains." Such a fact never fails to capture one's imagination, and then as one grows the idea is developed and grows too. In most of us the idea never gets very big, but in men like Captain John Noel, it becomes all-consuming.

In "The Story of Everest" Captain Noel has brought to bear all the knowledge and experience acquired from independent explorations and as official photographer for the two attempts to climb to the summit of Mount Everest which is 29,145 feet high. The life of the Tibetan people is pictured with an intimacy which is at once interesting and informative.

But the interest of the queer Tibetans is secondary to the thrills one gets in the actual narrative of the climbs of both the first and second attempts. The tenseness of the description grows as the party fights its way toward the summit, reaching a tragic climax at the point where Mallory and Irvine were lost in the clouds forever, when only six hundred feet from the summit. It is a drama which leads to the question "Why attempt such hazardous climbs?" The answer lies in the single word "achievement." It is this desire for achievement that has carried civilization through the ages. The one weakness in the book becomes apparent on first perusal: it lacks a map of the country, showing the location of villages, natural obstacles to the climb and routes of the various expeditions. To those who like to "book travel" a map is as important as the cane to a blind man.

Captain Noel offers a most vivid resumé of the history of Mount Everest—Goddess Motner of the World as the Tibetans respectfully call her—and has copiously illustrated his work with pictures which bear mute testimony to his reputation as a photographer.

NOTICES

FRESHMAN ATHLETICS

Members of the Freshmen Class who wish to substitute athletics for Physical Training Classes must sign up at once in Room 335, Walker Memorial Building. These lists close today at 12 o'clock sharp.

COMBINED PROFESSIONAL SOCIETIES

An important meeting of the Combined Professional Societies of the Institute will be held Friday at 5 o'clock in the C. P. S. room on the third floor of Building 3. All members are urged to be present.

TECH SHOW CAST

Final tryouts for the cast of Tech Show will be held tomorrow night in Tech Show office at 7 o'clock. There are still several vacancies to be filled.

and all students who are interested in acting are urged to be present at the tryouts tomorrow night.

EDWARD J. McAVOY
Copley-Plaza
Barber Shop
On Grill Room Floor
Dr. Fred T. Reiss, Chiroprapist
MANICURING CHIROPODY
Telephone for appointment

The TENNIS and SQUASH Shop

67 Mt. Auburn St.
Cambridge, Mass.

Athletic Equipment

Track
Basketball
SQUASH RACQUETS

Racquets Restrang

HARRY COWLES

University 5417



Hallowe'en

at the

Copley-Plaza

Monday Oct. 31

SPECIAL MUSIC and FAVORS - - DANCING

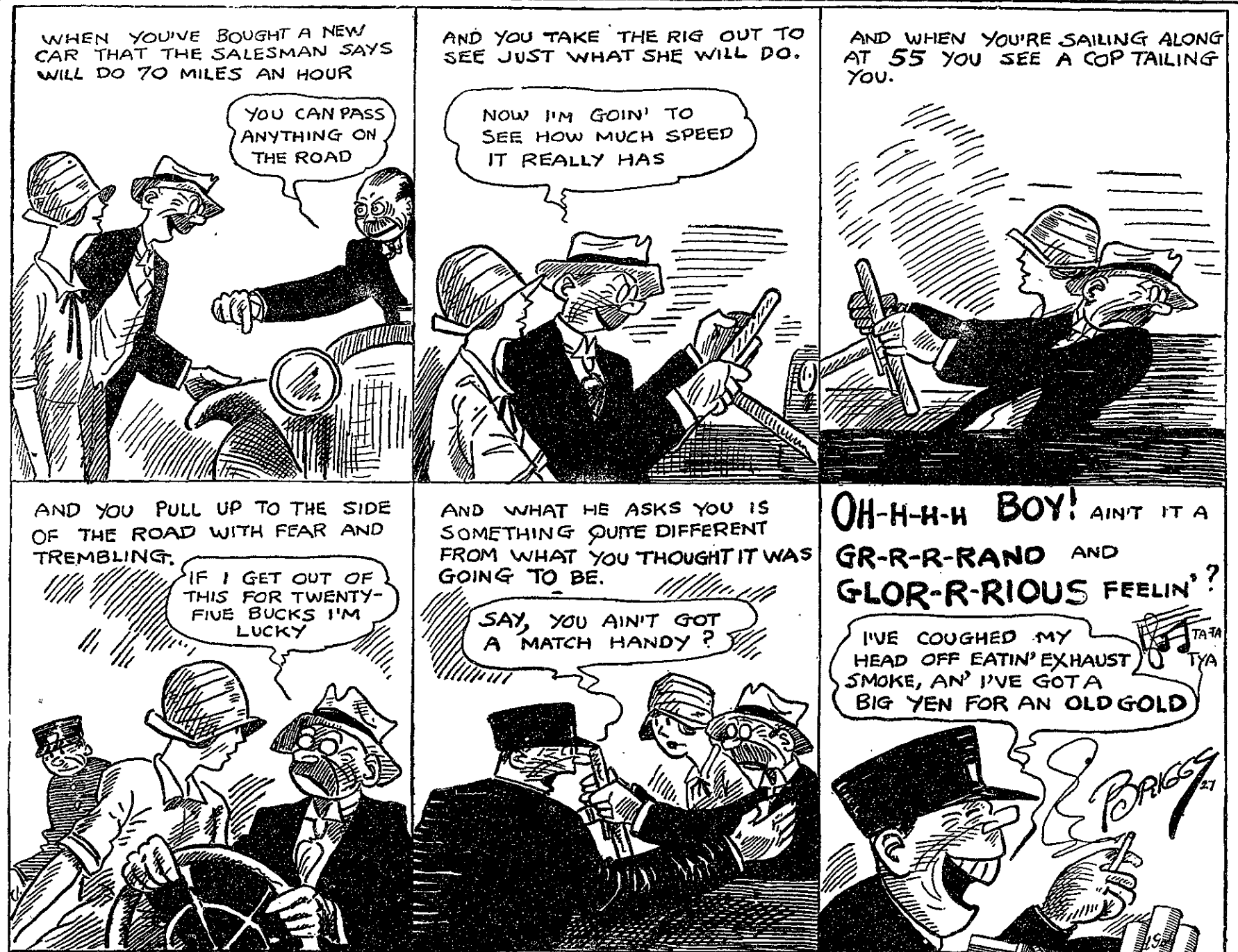
Please telephone LOUIS Maitre D'Hotel.

KENmore 5600 for reservations

Tea Dances Wednesday and Saturday afternoon 4:30 to 7

Ain't It a Grand and Glorious Feelin'?

By BRIGGS



OLD GOLD
The Smoother and Better Cigarette

.... not a cough in a carload

