

# THE TECH

VOL. XXXIV. NO. 62.

BOSTON, MASS., FRIDAY, NOVEMBER 20, 1914.

PRICE THREE CENTS

## TAG DAY HERE IN GLORY

Today is TAG DAY—the day of days. The rainstorm of yesternight has not dampened the ardor of the taggers in the least, and several of them through misinterpretation of orders have already disposed of their allotment of the precious pasteboards. "Cy" Guething, in a revengeful spirit for being left behind by the cross country team, got rid of twenty in ten minutes, in some forgotten lab or other.

With the cross country team away for the biggest race of the season, what better time could be chosen to prove the support that Technology gives its athletes, both financially and spiritually? Today was called TAG DAY for this reason, and preliminary reports show that the spirit and money will not be lacking.

Freshmen are cutting classes at a wholesale rate to prove by the sale of their tags that the committee did not order too many with '18 on them. TAG sellers are requested to turn in their money at the Cage as soon as possible.

## THE MONTHLY

The December issue appeared last Wednesday and was received in a manner gratifying to the Management. Articles intended for the January issue of the Technology Monthly should be handed in as soon as possible. Contributions must be sent to the Monthly office within the next two weeks in order to receive consideration for the January number. Forms close the first week in November.

## HOCKEY TEAM MEETING

A meeting of all men interested in hockey was held in Rogers yesterday noon. All candidates for the team are to report three times a week for running. Practice on ice will not commence until after Dec. 11, when the Boston Skating Arena opens. The first game will be played December 16. Competition for Assistant Manager starts now and ends around the twentieth of December.

## TUG-OF-WAR JERSEYS

The freshman Tug-of-War team jerseys, with the numerals on, are to be obtained at the Cage.

## KOMMERS' DINNER A GREAT SUCCESS

"Getting A-Cross," By I. B. Mc-Daniels Is Chosen As This Year's Show.

The annual Kommers' Dinner, given by the management of the Tech Show, to promote interest in the



C. R. LORD, '16

Show, was held at the Union last night at 6.30, and was a decided success in every way. The men present numbered ninety-two, including candidates for all the departments of the Show, and those interested in it from every point of view.

(Continued on Page Three)

## SENIOR CLASS DINNER

On the evening of December 3rd, the members of the Senior Class will hold their annual dinner. The Westminster Hotel has been chosen for the occasion and the festivity commences at 7.15 sharp. A special event has been added to the program which will be announced by the committee later. The tickets will be on sale at the Cage and may also be procured from R. V. Tiffany, T. Spear or C. W. Wood.

## FENCING TEAM MEETING

A large number of men responded Wednesday in the Union to the call for candidates for a fencing team and several former "stars" were present. E. O. Herman was elected manager and J. C. Clark his assistant. Regular practice will commence next Friday at 5 o'clock in the Gym and will be held on Mondays, Wednesdays and Fridays thereafter. The men promoting this sport are much encouraged and expect to have a winning team.

## FRESHMEN HAVE HARD RUN AT ANDOVER TODAY

Cross Country Team To Leave North Station At 12.25.

This afternoon the freshman Cross Country Team will run a hard race at Andover. Strong freshman teams from Harvard, Dartmouth, Penn. State, and Colby will oppose them, while the Worcester Academy and Andover runners are also dangerous.

Lippet, McVicker, Campbell, Mumford, Hamilton, Bond and Greeley have been chosen to represent their class, and it is hoped that they will be among the leaders at the finish. Although the freshman team last year finished behind the other four college teams, Colby was represented by almost the whole varsity team and the result is expected to be different this year.

So far it has been doubtful how the freshman squad stands in comparison to those of other colleges. The race today, however, will show what kind of material we have for our future varsity teams.

The train will leave Back Bay this afternoon at 12.25, and will arrive in Andover at 1.20. From the station the fellows will proceed to the Gym, where the race starts.

## COMMITTEE MEETING

Executive Committee of Junior Class Holds Meeting.

At a meeting of the executive committee of the Junior Class held yesterday the following men were elected to the class dinner committee: R. H. White, McSweeney and Farthing. The dinner will in all probability be held about the middle of December. At the same meeting Shakespeare, Lucas and J. R. Freeman, Jr., were elected to the Junior Prom election committee. The competition for nominations for the Junior Prom committee itself will begin next Monday and close the following Saturday. Nomination papers can be left at the Cage and the Prom election will probably be held the week following the closing of the competition.

## COSMOPOLITAN DANCE

The Cosmopolitan Club Dance has been indefinitely postponed owing to conditions beyond the control of the committee in charge.

## NOTICE

Entries for the Chess Tournament must be in by Friday, Nov. 27th. Entrance fee 25 cents, payable to E. H. Neuman or D. E. Woodbridge.

## CROSS COUNTRY TEAM LEAVES FOR NEW HAVEN

Technology's Chances Slimmer Than Usual In Tomorrow's Intercollegiates.

Tech's chances in the big intercollegiate have diminished considerably in the last few days owing to the loss of some of the best men that were on the team. Nevertheless the team that leaves for New Haven this morning will do its utmost to place among the leaders as it did last year. A. C. Litchfield will replace Graff, whose ankle went bad, and should Brown, who is under Dr. Rockwell's care, be unable to go, Nye or Wilkins will take his place. The others making the trip are Captain Cook, Benson, Wall, Harrington and Bradley.

Cornell is universally conceded first place in the meet owing to the won- (Continued on Page Three)

## SWIMMING TEAM

More Material Needed—Series Of Meets Arranged.

The swimming team holds practice every Monday, Wednesday and Friday afternoons from four to six o'clock at the B. Y. M. C. A. pool. Quite a few men are out already but the management desires that more compete for the team. They feel it is a very promising activity and since a series of meets will soon be arranged should attract many men. Swims with Williams and the Brookline Gym. A. A. have already been scheduled. The men out at present are H. D. Bevins, A. H. Bond, Curtis, K. H. Day, G. H. Ennis, W. C. Foster, J. R. Freeman, Gay, Geisler, G. S. Gould, J. M. Hanley, C. W. Hawes, Hazard, E. O. Herman, C. L. Kingsbury, A. E. Marquez, U. V. S. Mumford, E. M. Newton, T. C. Pond, Sargent, Turin, W. A. Wood, D. Ely, Wills.

## CALENDAR

Friday, Nov. 20, 1914.

- Athletic Tag Day.
- 12.25—Freshman Cross Country Team Leaves the North Station for Andover.
- 2.00—C. E. Society Trip to Fort Andrew. Start Long Wharf.
- 4.00—Swimming Team. B. Y. M. C. A.
- 7.30—Chauncy Hall Club, Union.
- 7.45—Chemical Society. 31 Engineering A.
- 8.15—Cross Country Team Leaves Back Bay for New Haven.
- 8.30—Cosmopolitan Club Dance.
- Saturday, Nov. 21, 1914.
- I. C. A. A. A. Cross Country Meet at New Haven.

# BUY A TAG!

# THE TECH

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FRIDAY, NOVEMBER 20, 1914

## IN CHARGE OF THIS ISSUE.

Editor: G. H. Stebbins, '17  
Associate: H. N. Keene, '17

Assistants: D. E. Bell, '17; W. J. Henry, '18; M. A. L. Eales, '18; E. M. McNally, '18; N. P. Strang, '18; J. C. Purves, '18; F. A. Birmingham, '18; B. A. Thresher, '18.

Human nature guarantees a certain amount of success to any tag-day, but it is to be hoped that another force will be prominent on the present occasion,—the patriotism which all Technology students should feel for that which involves the glory of the Institute. Our athletics are now controlled by undergraduates and must also be supported by them if they are to be maintained at all. In the raising of the necessary funds, which promises to present considerable difficulty, the present tag-day is the first step; and every student should not only contribute for his own tag as liberally as he is able, but should also try to induce others to do the like.

The innovation of putting class numerals on the tags seems hardly an improvement, since it will exclude post-graduates and members of the instructing staff, and cause confusion in distributing, as well as loss of sales and waste of tags.

The cancelling of the Cosmopolitan Club Dance will be regretted by all who have enjoyed these occasions in the past. However, since the lack of support was so decided, it was a commendable move on the part of the management to call the affair off rather than to put it through in an unsatisfactory way.

## DU PONT TRIALS WON BY COLLEARY

### Keen Competition In All Events Results In A Fall Record.

The contestants for the du Pont Cup made an exceptionally fine showing this fall. W. E. Colleary, '17, established a new fall record with a total of 254 points. If he is able to keep up his good work next spring, he will probably exceed the record for the year made by Salisbury, '11. Coach Kanaly was well pleased with the result and expressed the wish that the men do as well in the spring. The results of the trials are as follows:

W. E. Colleary, '17:	Points
Broad Jump—20 feet, 7 inches.	100
440 Yards—57 2-5 seconds	76
Discus—94 feet, 10 inches	78
Total	254
W. E. Sullivan, '17:	
High Jump—5 feet, 3 1-2 inches	55
Discus—54 feet, 1 inch	0
440 Yards—56 seconds	90
Total	145
J. A. Avery, '18:	
Discus—62 feet, 8 inches	0
Broad Jump—19 feet, 6 inches	76
220 Yard Dash—23 seconds	75
Total	151
E. D. Sewell, '17:	
Broad Jump—18 feet, 4 inches	48
100 Yard Dash—11 4-5 seconds	30
Discus—87 feet, 5 inches	48
Total	126
R. A. Mulford, '18:	
Shot Put—24 feet, 2 1-2 inches	0
Broad Jump—18 feet, 2 1-2 inch.	44
440 Yard Dash—59 seconds	58
Total	102
O. L. Lorenz, '18:	
High Jump—4 feet, 8 inches	15
Shot Put—28 feet	0
220 Yard Dash—25 seconds	75
Total	90
S. S. Kwan, '18:	
100 Yard Dash—11 3-5 seconds.	40
Broad Jump—18 feet, 4 1-2 inch.	48
Discus—73 feet, 11 1-2 inches	0
Total	88
J. A. Brownie, '18:	
High Jump—4 feet, 10 1-2 inch	25
Discus—77 feet, 1 1-2 inches	9
440 Yard Dash—1 minute, 9 4-5 seconds	0
Total	34

## FACULTY NOTICES

Hydraulics for Courses X and XIII will be given on and after Monday, November 23rd, according to the schedule given below, which differs somewhat from the printed Tabular View.

XI. Wednesday, 12-1. Room 47, Eng. A.  
Friday, 12-1. Room 47, Eng. A.  
XII. Monday, 12-1. Room 47, Eng. A. (changed from 9-10.)  
Wednesday, 11-12. Room 47, Eng. A.  
XIII. Monday, 10-11. Room 22, Rogers.  
Saturday, 10-11. Room 10, Eng. B.  
The exercises in Foundations will begin Wednesday, November 25th, in 6 Lowell at 2-3.

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**REV. P. R. FROTHINGHAM SPEAKS AT UNION**

Talk Interspersed With Anecdotes Is Very Interesting.

Yesterday noon, at the Union, Reverend Paul Revere Frothingham gave a very interesting and well illustrated talk on "The Object of Education." A man, in some uneducated persons' opinion, is ignorant if he knows nothing about the line of work in which the uneducated person may be very proficient. The object of education is not to equip men with learning as much as it is to equip them for life.

An educated man must remember that his brilliancy and learning is not a substitute for morality. Talents never have and never will take the place of morals. An educated person must not consider himself any better than a man who has not had the training that he himself has had. It is not a sign of education to look down on the ignorant, on the contrary, it is a sign of ignorance. The object of education is also to teach self-control and self-possession, and all this may be acquired by hard work, just as a difficult lesson may be learned by hard study. Above all, education makes a man a better citizen when he gets out in the world.

**INTERCOLLEGIATES**  
(Continued from Page One)

derful showing made by her team against Harvard and other colleges. In the last time trial, eight men finished an eight mile run in slightly over 41 minutes and her first and eighth man were only 30 seconds apart. Harvard and Tech, up to a few days ago, were conceded as the two colleges to fight it out for second place, but at present the odds seem to be considerably in Harvard's favor. Yale and Dartmouth of the eastern colleges seem to be the strongest among the others who are entered. Penn's team is not known very well. Princeton can usually be relied on to turn out a fair team and this year's seems to come up to her average but has not had a remarkable showing so far. The fight for the individual honors will undoubtedly be among the four Cornell men who have been showing up so well this year. Hoffmire is the most experienced and is somewhat favored.

The team leaves Back Bay this morning at 8.25 and the men arrive in New Haven shortly after noon. A walk over the course is scheduled for the afternoon and, from there, the men go to Bridgeport for overnight accommodations. The race in the morning starts and finishes just outside the new Bowl. In the afternoon the team is to attend the Harvard-Yale game, returning that night. Coach Kanaly and Manager Webster are also to take the trip.

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**CIVIL ENG. SOCIETY TO VISIT FORT ANDREW**

Steamer Will Leave Long Wharf This Afternoon Promptly At Two O'clock.

Last Wednesday evening, the Civil Engineering Society attended a lecture in Tremont Temple by Mr. Henry M. Waite, city manager of Dayton, O. The Boston section of the American Institute of Electrical Engineers and the Boston Society of Mechanical Engineers were present. Mr. Waite explained in his lecture the new idea of commission form of government as is at present in use in Dayton, Ohio, which is the largest city in the country that has such a form of government. Mr. Waite is an old Course I man of the Institute.

This afternoon, promptly at 2 o'clock, the Civil Engineering Society will leave Long Wharf on a trip to Fort Andrew to see the Coast Defence guns. A government boat will bring the party to the Fort, where it will be met by Lieutenant Foote, a brother of one of the members of the society, who will show the men over the grounds. It is expected that there will be a dress parade in honor of the party. All men of courses I, IV, XI, and option II, and the Electrical Engineering Society can be accommodated on the boat. The Officers' Club of the M. I. T. cadets is going and the Harvard Civil Engineering Society have been invited as guests. The steamer will return to Long Wharf at 5.30 o'clock.

A week from this evening, on November 27th, at 8 o'clock the Society will hold a big meeting in the Union. Rev. Dr. Powers of Gloucester will speak on "What We Owe to Germany." Dr. Powers is an American but has spent many years abroad and knows Germany thoroughly. The lecture promises to be very interesting and instructive. Questions will be answered except those directly pertaining to the present war. All members of the student body are invited to attend.

**KOMMERS' DINNER**  
(Continued from Page One)

General Manager Lord presided, and opened the program with a few remarks about the general purpose of the Show, which, he stated, is three-fold. First, of course, to raise money for the Athletic Association at the Institute; second, to get the men together, and give them an opportunity to get better acquainted by all working for the success of the Show, and thirdly, to show outsiders in general that Tech men can play, as well as work. He said that the itinerary of the Show this year would be the same as last, with the exception of the Providence trip, which was not a great success. It was also stated that four books had been submitted for the Show, all showing thought, and deserving credit. The successful author, Irving B. McDaniels, '16, whose play, "Getting A-Cross" was finally accepted, was then asked to say a few words about the book.

The play is a romantic farce in  
(Continued on Page Four)



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### MACHINE GUN COMPANY

Sixty Men Represent Harvard And Technology.

The machine gun company, composed of Harvard and Technology men, had its first drill last Wednesday night in the Cambridge Armory from 8 until 9.30 o'clock. About sixty were present, one-fourth of whom were Tech students. The principal event of the evening was a demonstration of the Benet-Mercier rapid fire gun, four of which are to be used by the company.

The company will be composed for the most part of Massachusetts men, since all members must attend the summer camp in July, and men who are unable to do this are not expected to join. The company drills twice a month. Authority from the government has not yet been received, but as the guns have already arrived this is expected to follow soon.

In the lecture given the men, the fact was brought out that in case of war the machine gun companies play an important role. A machine gun fires about seventy-five shots a minute and is never in action more than three minutes at a time. During this time, however, it can do considerable damage. Naturally the fire of the enemy concentrates itself on the machine gun companies, and so there are seventeen men assigned to each gun, although it takes only three to run it. Three mules are needed for the transportation of each gun and its ammunition. The cartridges are placed in clips holding thirty apiece which are placed in the gun.

### KOMMERS' DINNER

(Continued from Page Three)

two acts, with the scene laid in Europe, the day before the outbreak of the present war. The plot centers about a Tech man whose love for the daughter of a French general draws him from place to place about Europe. The whole action is full of good situations, and the plot is one that will adapt itself well to a musical comedy.

The next speaker was Alexander Macomber, '06, who was manager of the Tech Show, the year it turned over the highest amount to the Athletic Association, and who is now a member of the alumni advisory council. Mr. Macomber sketched the origin of the Show, from the first minstrel show which was given in Huntington Hall in 1899, and proved a decided success in earning money for the Athletic Association. The need of some such institution at Tech had been apparent for some time previous, and the Show was continued with great success in succeeding years. Mr. Macomber's account of one of his experiences while stage manager of the Show, was greeted with great enthusiasm.

The fourth speaker was Prof. Williams, who was made a member of the Advisory Council last year, in recognition of the hearty support he has given the Show. He spoke especially on the character of the Show itself, and said that the tendency in recent years had been to try to copy too closely professional musical

(Continued on Page Five)

### WORK OF TECHNOLOGY ALUMNI ASSOCIATION

Mr. W. Humphreys Addresses Association of Alumni Secretaries.

Some conception of the tremendous amount of work that is being done by our Alumni Association may be gotten when we get a glimpse of the meetings that they are holding under their auspices. Secretary Walter Humphreys, M. I. T., '97, addressed a meeting of the secretaries of all the Alumni Associations in the country yesterday morning in New York. His subject was "How Our Associations Can Best Serve the Alumni Themselves."

The paper was indeed a leaf out of the experience of the Tech Alumni Association of which Mr. Humphreys is secretary. This association is of forty years standing and was at first a formal organization with an annual meeting, its general purpose being to help the Institute. There was then formed an association of the secretaries of the different classes which met and dined and discussed questions of common interest. To this association is due the monthly or the Technology Review, and the All-Technology reunion at five year intervals. The next step was an arrangement whereby members of the Corporation are suggested by the vote of Alumni, and fifteen such members, three new ones every year for five year terms, are now in the Corporation.

The Alumni Association, uniting the two earlier groups, has awakened interest so that local associations are now to be found in all prominent centers of the country, and number about fifty, and these again have federated themselves and have an annual meeting, this year in Pittsburgh and next year in Boston. The Alumni Association further has appointed a field manager, the same person who is editor of the Review, who meets with the associations and gives them the latest Technology gossip. The local associations have proved to be of great importance not only to the residents of the centers but to the Alumni settling in them, who find frequently opportunities for business advancement that might be missed but for the fellowship of the association.

The Review is one of the important means of keeping the Alumni in touch with one another and with their alma mater. The men learn about the progress of the new buildings or the advancement of a brother alumnus to an important position, and the items published go into reunions and even social matters, so that thousands of the Alumni are always in touch with the major features of the college and alumni life.

Incidentally the Alumni Association has been of benefit to the Institute itself through the Alumni Council. This body, meeting once a month in the school season, discusses and formulates lines of progress which seem from the business or the scientific point of view to be in keeping with the times. This brings to bear on every problem of importance the

(Continued on Page Five)

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### KOMMERS' DINNER

(Continued from Page Four)

shows. He said that the Tech Show should be distinctive of Tech itself, as people were more interested in the local color of this sort than in an imitation of an ordinary show.

Manager Lord announced that Mr. Samuel Hume, the new coach which the Show has this year, had received an injury in an accident that afternoon, and was therefore prevented from being present. Mr. Hume is a graduate of the University of California and of Harvard, and was chosen for his skill and initiative in work of this kind.

The stage manager, C. A. Coleman, '16, emphasized the importance of the incidental lyrics and music, for which the plot is, after all only the foundation. A competition for lyrics will start next Monday, and will last about two weeks. A list of lyrics and incidental songs for places in the plot, has been prepared by the author, and will be published, though men need not confine themselves to this, as local hits of all kinds are desired. The contest for the music will start when the lyrics have been chosen, and will be open to all alike. The early part of next term a competition for assistant stage manager will be held. All candidates for this position must have some understanding of the fundamentals of music.

The importance of the orchestra was brought out by Mr. William Howard, the conductor of the orchestra both last year and this. He urged all men who could to come out for the orchestra, as it is absolutely essential to the success of the Show, though its importance is not always appreciated.

G. W. White, the lately appointed stage director urged the importance of having a large number try out for the cast, in order to make the competition keen.

The presence of J. Paul Gardner, last year's premiere danseuse, in her ballet costume lent interest to the occasion. She said a few words on the advantages of being an actress.

C. C. Carpenter, '16, outlined the work in the business department, and urged men to come out for this most important branch of the Show.

Dean Burton explained clearly that it was a positive advantage to a man to go out for the Show, and taught him how to work for something besides his own selfish interests.

After a short talk by Prof. Blachstein, who has always been a firm friend of the Show, the Stein Song was sung to finish the evening.

### ALUMNI ASSOCIATION

(Continued from Page Four)

experience of men who are in the midst of the business world, and these features together with others have served to keep Tech what it started to be, an institution abreast of the age in everything pertaining to technical training.

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M. I. T. A. A.

K. Dean Is Elected Treasurer—  
The New Office.

At a recent meeting of the M. I. T. Athletic Association, it was decided to have a treasurer for the organization. This decision was made because in years previous Major Briggs and the other members of the Advisory Council had handled all money going to athletics. This year the students have the authority, it was necessary to have a treasurer for the Athletic Association, whose duties would take the place of the Advisory Council. The treasurer receives a budget from each varsity manager and with the aid of a committee decides as to the advisability of the distribution of money. The amount of money needed is requested from the Institute Committee and may be given or refused by them.

K. Dean was elected to the newly created office, and assumes the duties at once.

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Tonight the Chemical Society is to hear an especially interesting talk on "Vulcanized Fibre." The speaker is Mr. Charles Almy, Jr., who is the Chemical Engineer for the American Vulcanized Fibre Company of Wilmington, Del. The industry is becoming more and more important every day as vulcanized fibre and related substances such as bakelite are being used as substitutes for rubber. The development of these substitutes is of recent beginning and many opportunities are offered to young chemists to improve the present methods of manufacture and to get up new compounds of the same general nature.

Mr. Almy will thoroughly cover the ground of the art and will also bring samples showing the properties of vulcanized fibre. The talk will be held in 31 Engineering A at 7.45 P. M. and all persons interested are invited to attend.

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