

# THE TECH

VOL. XXXV. No. 11.

BOSTON, MASS., WEDNESDAY, APRIL 28, 1915.

PRICE THREE CENTS

## MECHANICALS TO HOLD IMPORTANT EVENT

Excellent Program Arranged For Annual Banquet Tomorrow Evening.

Tomorrow evening at 8.30 the Annual Banquet of the M. E. Society will be held at the Engineers' Club, corner of Arlington Street and Commonwealth Avenue. The affair is to be more elaborate than ever before without any extra expense to the members.

Excellent speakers have been secured by the committee. Among these is Mr. Howard Elliott, President of the N. Y., N. H. & H. R. R., whose reputation as a speaker is well known. Mr. Elliott is a member of the Corporation and of the Visiting Committee of Course II. Other speakers will include Dr. Dawes, Vice-President of the Nightingale & Childs Co., manufacturers of pipe coverings and asbestos products, and Mr. A. B. Tinney, Vice-President of C. H. Tinney & Co., builders and operators of gas plants and electric power stations. The Faculty guests will be Professors Miller, Haven and Hayward. Tickets may be obtained from any officer or nominee of the Society.

## SOCCER TEAM

Enthusiasm Warrants Formation Of Team At Institute.

Owing to the interest which has been displayed in Soccer, it has been decided to form a team next fall. There are several men here at the Institute who have played the game in various preparatory schools and

(Continued on Page Five)

## PICTURES WANTED

The Track Management is desirous of obtaining pictures of the Spring Meet. As it is the intention to have a pictorial record of each meet the Management wishes the co-operation of any who could add to the list of photographs. One of the Managers will be at the Track Office every day at 1.00 P. M.

## SENIOR ASSESSMENT

The Senior Class Day Committee will meet in 11 Eng. B, at 4.30 today. Assessment books will be given to each member. About twelve Seniors have been assigned to each man. The cost has been estimated at \$7.00 per man and will cover every expense for the Senior Week Celebration even to the smallest details. As each Senior pays the assessment he is to vote for preference in regard to the dress at the Reception and Dance.

## BALLOTS FOR BLANKET TAX QUESTION OUT NEXT FRIDAY

Institute Committee Desires Expression Of Undergraduate Opinion---Votes Due May Fifth.

The question of a blanket tax, which has been under consideration by the Institute Committee for the last two months and which was presented to the Student Body at the Mass Meeting held in Huntington Hall before Junior Week, is now placed before the undergraduates for final consideration.

Ballots similar to the one printed on this page may be obtained at the Cage on Friday and are due not later than Wednesday, May fifth.

The first three questions are self-explanatory. The fourth question is a plan similar to ones in use in a number of other colleges, particu-

larly the large western universities. Its aim is to give assured support to certain activities, at the same time offering a reduction in price to the student. The saving here as is shown by the total would be the difference between five or six dollars and nine dollars and twenty-five cents.

The purpose of the Institute Committee in asking the undergraduates to fill out these ballots is to obtain a decisive expression of opinion in order that they may arrange plans for the start of the system at the beginning of the fall term in case the reports obtained should be favorable for its adoption.

## BALLOT

This ballot is issued by the Institute Committee in the endeavor to find out the best policy for the support of athletics.

It is desired that every undergraduate answer these questions and hand the ballots in at the Cage not later than Wednesday, May fifth.

1—Are you in favor of athletics at the Institute?

2—Would you be willing to pay a tax of \$5.00 for the support of athletics alone?

3—Would you be willing to pay a tax of \$3.00 for the support of athletics alone?

4—For the following privileges would you be willing

To pay { \$5.00? \_\_\_\_\_  
\$6.00? \_\_\_\_\_

Please check activities you now support.

Class dues	-----	\$1.50
Co-operative Society	-----	.50
The Tech	-----	1.50
T. C. A.	-----	1.00
Field Day (gen. adm.)	-----	.50
4 Track Meets	-----	1.25
3 Wrestling Meets	-----	.75
4 Hockey Games	-----	2.25

Total ----- \$9.25

Suggestions -----

Signed ----- Class -----

## LIST OF SPEAKERS BEST IN YEARS

Civil Engineering Society To Convene At Dinner Next Week.

Plans laid two months ago for the annual C. E. Society banquet have been pushed to good advantage. The affair will be held on the evening of May 6th, a week from tomorrow. The hotel chosen is the Copley Square and the management will have the first course ready at 6.15 sharp.

The speakers who have consented to address the gathering are: Governor David I. Walsh, Chief Executive of the Commonwealth of Massachusetts; Howard Elliott, President of the N. Y., N. H. & H.; Professor Charles M. Spofford, head of the courses of Civil and Sanitary Engineering; Mr. George W. Anderson, some time Chairman of the Public Service Commission of Massachusetts and at present a United States district attorney; and Mr. Giles W. Baker, the Editor-in-Chief of "Engineering News."

By preparing a good menu and having the above prominent men to talk after the dinner, the committee in charge feel that they have done their work to make this a bigger time than former years have witnessed. The affair is to be informal. Tickets at \$1.00 each may be obtained from the following members of the Society: Thomas, Hull, Bond, (Continued on Page Two)

M. I. T. A. A.

Special Meeting Tomorrow—Class Numerals Awarded.

There will be a special meeting of the Athletic Association at 5 o'clock Thursday, April 29th, in Room 8, Engineering C.

Certificates for men who have won their numerals this year may now be obtained at the Cage. No men will be allowed to wear Institute insignia until notified of the award by the Association.

## CALENDAR

Wednesday, April 28.

4.15—Crew Practice. B. A. A. Boat-house.

4.30—Senior Class Day Comm. 11 Eng. B.

5.10—Technique Electoral Comm. 8 Eng. C.

Thursday, April 29.

4.00—Rifle Club Talk. 8 Eng. C.

4.15—Crew Practice. B. A. A. Boat-house.

5.00—M. I. T. A. A. Special Meeting. 8 Eng. C.

6.30—M. E. Society Dinner. Engineers' Club.

# THE TECH

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Subscriptions within the Boston Postal District, and outside of the United States, must be accompanied by postage at the rate of one cent a copy.

WEDNESDAY, APRIL 28, 1915.

The Class of 1915 is indeed fortunate in having a group of men who have gotten so much out of their friendships at the Institute that they are willing to extend to their classmates an opportunity of making new friends before graduation. Surely there is no man in the Class whose career at the Institute has meant so little to him that he will hesitate for a moment in accepting an invitation that is so generously given and which may mark one of the milestones of his life.

The petty and utterly futile habit of knocking text books, as practiced by some of the instructors at the Institute is not by any means confined to the Mathematics Department. It would probably not be too broad a statement to say that every text book in use is at some time subject to aimless attacks entirely below the dignity of a Technology Professor.

We believe that "Sophomore" has taken his point advisedly and we hope that the Faculty will take definite measures to suppress the knocking of text books wherever it may be found.

The creation of a Technique Advisory Council by the Institute Committee marks a decided advance in systematizing the publication of the year-book. Heretofore each Technique Board has had to expend valuable time in learning the routine work with no chance to profit by the errors of previous Boards.

## C. E. ENG. SOCIETY

(Continued from Page One)

Tobey, Holway, Gallagher, Tiffany, Clarkson, Millis, Pickering, Lieber, Medding, Drummey and Hastie.

In accord with the constitution of the Society the annual elections are to be made this week. Ballots will be distributed today and are due at the Cage on Wednesday the 5th by 5 P. M.

## COMMUNICATION

To the Editor of The Tech:

Notice has already appeared in your news columns of the smoker to be held in the Union Friday evening of this week. Inasmuch as it is something of an innovation in the activities of the Institute for a gathering of the Seniors to be held under these auspices, may the committee in charge of arrangements offer a word of explanation in regard to it.

Courses I, III and XI have joined in issuing their invitation to their fellow Seniors, hoping that all are of the same mind with them that it will be pleasant and profitable to spend an evening together in an informal way and to make one another's acquaintance a little more intimate.

Technology is nominally one great institution, but as far as the upper classes are concerned it is virtually a group of separate and distinct schools or colleges. The number of men who are fortunate in having a circle of acquaintances which includes men from all courses is small indeed, and the average man has little more than a speaking acquaintance with a very few outside his own course. This is an obvious condition and no demonstration is needed to show the possible benefit to be derived from all intercourse and class gatherings.

The idea of a class smoker has been suggested late in the year, it is true, but believing it a step in the right direction, the men who have issued this invitation have given the undertaking their loyal support. The committee has planned an interesting program for entertainment, but in that regard no more can be said now than that there are several surprises in store and rumors heard in the halls outside the committee meetings have aroused the curiosity of the hosts themselves.

The men of courses I, III and XI are especially anxious to have the affair a success. They will feel more than repaid for any effort on their part if their invitation is accepted in the same spirit of good fellowship with which it is extended to every man of 1915.

Very truly,

THE COMMITTEE.

## COMMUNICATION

To the Editor of The Tech:

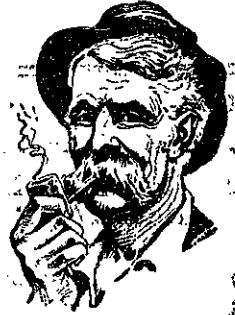
A correspondent in one of your recent issues criticized, what appeared to him, several flaws in the Physics Department. As a matter of personal experience I believe such criticisms are usually the outcome of some individual difficulty. With this possibility in view I wish to criticize the attitude of the Mathematics Department towards the text book used for the present second year class.

As all second year men and most of the upperclassmen know, Woods and Bailey's text was discontinued a year ago and Davis's Calculus substituted. Whether the step was wise or no, is not a question for my humble consideration. A number of the members of the Mathematics Department, however, has decided adversely with regard to Mr. Davis's

(Continued on Page Three)

THAR'S mo' than one way  
to kill a cat-but  
they all look about  
alike to the cat, I  
reckon.

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**GOOD PROSPECTS FOR NEXT HOCKEY SEASON**

**Fletcher Only Player Lost By Graduation—Second Team Contemplated.**

Although the hockey team has not won many games for the last two seasons, it has been successful in developing team play. The improvement in this direction and the fact that the team will lose but one member indicate success for next year. The services of Captain Fletcher, who has played a star game at Tech for the past four years, will be missed. He is ably succeeded, however, by Captain Cochrane.

The schedule arranged for the past season by Manager MacRae was, perhaps, the best one Tech has ever had in hockey. Weather conditions made it impossible to play all the games, but this should not detract from the credit due the manager for his work. The manager has communicated with about twenty-five schools and colleges in the east, among whom are Andover, Exeter, Cornell, Dartmouth, McGill, Princeton, West Point Williams and Yale. Games to be played in indoor rinks are hoped for during the mid-year trip, as the outdoor games have been made impossible by the weather conditions for the last few years. Desirable games for this time are with Yale and the New Haven rink team at New Haven, Princeton at New Haven, and McGill at Montreal. More games at the Boston Arena will be arranged if possible. Amherst, Williams, Harvard and Springfield Y. M. C. A. College may be played there. The team practices at the Arena all season and is at a great disadvantage when it plays on such small rinks as the ones at Amherst and Williams.

Next fall there will be a second team which will play local high schools and some of the smaller prep schools near Boston. At the beginning of the season an Assistant Manager will be chosen from the class of 1918. He will take charge of the second team, making all trips with it. A call will be made then for men from the class of 1919 to come out for Assistant Manager for the following year.

**COMMUNICATION**

(Continued from Page Two)

book and seldom neglect an opportunity to mention its faults. One consequence of this attitude is the creation of a feeling of shifted responsibility on the part of the student, and the tendency of a large number of men on the shady line of "L" to take it for granted that the text book is the main cause of their failure. I fail to see what good is to be accomplished by continually emphasizing the faults of the book with but little attempt to bring out its commendable points. Even though the book falls below the hopes of the department it would seem, if only as a matter of policy, that attempts should be made to get as much as possible from the book before June.

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**NEW AMENDMENT TO CLASS CONSTITUTION**

**Method Of Voting To Be Changed — Niemand Zu Hause Report.**

At the meeting of the Institute Committee yesterday, an amendment to the uniform class constitution was passed, revising the system of voting at class elections. Hitherto, the voters signed their ballots and, if their dues were paid, the vote was counted. The new system does away with any signing of ballots. Each class will have a table at the Union on the day of elections. When a man wishes to vote, he goes to his class table and, if his dues are paid, he is given a numbered ballot and the number is entered beside his name. After he has marked his ballot he folds it so that the number only is visible and brings it to the table. The man at the table compares the numbers and, after marking the man as having voted, tears the number off the ballot and places it in the box. This plan removes all marks of identification from the ballots and also prevents any person obtaining a number of ballots, marking them, and getting other men to sign them. The amendment goes now to the three lower classes for adoption. Upon its acceptance it becomes a fixed amendment to the uniform class constitution.

The committee on Niemand zu Hause presented the following report:

Receipts.	
Sale of tickets .....	\$560.25
Advertisements .....	62.75
<b>Total .....</b>	<b>\$623.00</b>
Expenses.	
Music .....	\$22.00
Printing (Program and Monthly) .....	30.25
Tickets .....	4.60
Costumes .....	19.00
Spotlight .....	4.00
Personal .....	5.65
Piano .....	5.00
<b>Total .....</b>	<b>\$90.50</b>
Receipts .....	\$623.00
Expenses .....	90.50
<b>Balance .....</b>	<b>\$532.50</b>

The committee was given a vote of thanks for their efficient work.

The Blanket Tax Committee reported that the ballots would be distributed Thursday, Friday and Saturday. The committee wishes that every man at the Institute obtain a ballot in order that the opinion of the entire student body may be had.

It was voted that the editor, business manager and treasurer of Technique should constitute an undergraduate advisory council for the succeeding board.

The T. C. A., which lost its representation on the Institute committee through non-attendance, was reinstated. It was shown that the absence was due to a misunderstanding.

**PATRONIZE THE TECH ADVERTISERS**

**TRACK SEASON LOOKS LIKE SUCCESSFUL ONE**

**Several Veterans Back But More Men Are Wanted In The Weight Events.**

The prospects for a successful track team this season are exceptionally bright. An unusually large number of men are reporting for practice and the fact that many of the men have never competed before shows that interest is being taken in the sport. Practice is held at the new Field and, judging by the times made at the freshman-Sophomore meet, against a strong wind, as well as at the Spring meet, the team is rapidly getting into shape.

The running events are the ones in which Technology is the strongest. In the sprints Loomis is perhaps the fastest man. His best performance was at Providence where he equaled the world's record for 50 yards in three successive heats. He also won the New England Championship at Lowell and placed third in the National Championship held in New York. Wilson is another good man as is shown by his record in 1912, when he placed in both the 100 and 220 yard dashes in the New England Intercollegiate. O'Hara also shows up well. Last year, running for Technology for the first time, he placed second to Charlie Rice in the 100 and 220 yard events at the Intercollegiate. He also ran on the relay team which made a new Technology record at the B. A. A. games. In addition to these men there are Doon, Justheim and Kwan. Doon has shown great improvement, as his running in the freshman-Sophomore meet demonstrated. Justheim and Kwan, both first year men, did well in the dual meets during the indoor season, but have not done much running out of doors.

Carl Guething has been shifted from the half to the quarter mile as a result of his remarkable running on the short relay this past winter in which he covered the relay distance at the Mechanics Building in 46 sec. flat. Read, another relay man, is also a candidate for this event and should make a good running mate for Guething. Brock of the Sophomores and Coward of the freshmen have also been showing up well.

The shift of Guething from the half to the quarter mile leaves a vacancy which Allan, Hamilton and Gagnon will compete for. Previously, Allan has run in the mile but should show up well in the half. Hamilton has done good work on the freshman team while Gagnon has not done much this year, although he made a very favorable impression in this event last season.

Brown is strong in the mile event, taking second place at the New England Championship last summer. He is a strong runner and has a spring at the finish that is hard to equal. Wall is trying for the mile this year and also shows up as a fast man. Two years ago he placed eleventh in the Intercollegiate Cross-country run at Cornell. Besides these two men, there are Graff, who has won

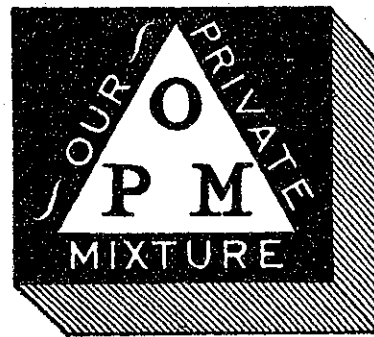
(Continued on Page Six)

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Copies of the phonographic records of the "Getting A-Cross" music to sell for one dollar will be made providing orders for one hundred or more are left at the Cage or mailed to C. C. Carpenter at the Union before May fifteenth. The price is one dollar and the orders must be accompanied by a deposit of fifty cents; the remaining fifty cents is to be paid before the fifteenth. The record is double-faced, on one side is the Canoe Song, "On the River Charles," sung by Kennard and Owen in the Show and on the reverse, "I'd Love to Love Somebody," sung by Williamson with dance by Staub.

The large chorus pictures costing two dollars, and the other Show pictures costing from fifty cents to a dollar and a half may be obtained if an order is left within a short time at the Show office. Scores may be obtained at the Cage, price one dollar.

**RIFLE CLUB HOLDS MEETING TOMORROW****Mr Stuart Of Palma Trophy Fame To Give Talk.**

Members of the Rifle Club and all those interested in shooting are invited to come to a meeting tomorrow at 4 o'clock in 8 Eng. C. Mr. James A. Stuart is to speak on the "Art of Rifle Shooting." He was high man on the 1914 United States International Palma Trophy Team with the remarkable score of 222 out of a possible 225 at the ranges 800, 900 and 1000 yards. In the total aggregate score of six important matches, the field containing crack men from all over the United States and Canada, he ranked third. He has promised to tell the Club some of the fine points of shooting and coaching practiced in the big matches.

The Club will shoot at the Walnut Hill ranges as usual next Saturday. A list of men who are to take the trip has been posted on the Union bulletin board. Many of these men have not yet been out this season. They should remember that unless they come out at least once in the season, they are not eligible to shoot in the N. R. A. qualification meet on May 15.

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**SOCCKER TEAM**

(Continued from Page One)

the prospects for a successful season are promising. It is anticipated that games will be scheduled with Harvard, Springfield Y. M. C. A. College and various other schools and colleges of New England.

Among the men at the Institute who have had previous experience in Soccer are S. S. Kwan, a member of the Andover team for two years and captain for one year; L. Lawrason, L. Smeltzer and I. W. Young, also former Andover players; T. K. Kao, former goal-tender at the University of Wisconsin; and A. K. Stewart, who has played in the Rhode Island Soccer League.

Several men have been practising this spring on the Oval, but the first real practice will begin next fall after the Institute opens again. The first game will probably come on October 30th. Most of the games will be played on Saturdays and in all about eight games will be scheduled.

**DOCENT SERVICE.**

There will be two free lectures at the Museum of Fine Arts next Sunday. Mr. Adam E. M. Paff will speak on "Fifteenth Century Engraving in Italy" in the Print Study Room at 3.30 p. m. and Professor Henry L. Seaver of the Institute will speak on "Some Colonial Portraits" in Gallery VI of the Evans Memorial Galleries at 4.15 p. m.

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**TRACK TEAM**

(Continued from Page Four)

several Hare and Hound runs; Parker, a member of the Sophomore cross-country team, and Earl, a freshman.

In the two-mile Capt. Cook holds the Technology record of 9 minutes, 37 seconds, and if his running this winter can be counted on, it looks as if Atwater's record of 9 minutes, 35 seconds, is apt to be smashed. Harrington and McVickar are also candidates in the two-mile.

In the hurdles Huff, Foster, Sewall and Kwan are among the most promising material. Huff won third place last year at the New England Championships. Foster has improved since last year and he and Huff should take care of this event for Technology in the Intercollegiates.

In the field events, particularly the weights, the team is weak. In the broad jump there are Colleary, the former Holy Cross star, and Read. Two years ago Colleary won this event in the Intercollegiates and last year Read scored second place. In the high jump Sullivan, Teeson and Gokey are all good for 5 feet, 8 inches, but they will have to show a lot of improvement before the big meet. In the shot and hammer there are no likely candidates. Colleary is good for at least 100 feet in the discus and Lawrason is the only good man in the pole vault.

**FRESHMEN VICTORIOUS****First Year Men Defeat Sophomores In Listless Game.**

The first interclass baseball game of the season was played last Monday afternoon, and the freshmen won in easy fashion by the score of 17 to 5. From the very first inning the Sophomore pitcher, G. W. Henderson, was hit very hard, and together with the dull game that was played, the first year men were never in serious trouble. W. C. Wilson, '18, put up a fair exhibition of pitching for the freshmen and with the exception of three home runs, he kept the hits well scattered. R. N. Gay and H. S. McQuaid played best for the second year men, while F. C. Spooner and R. W. Gleason did good work for the freshmen.

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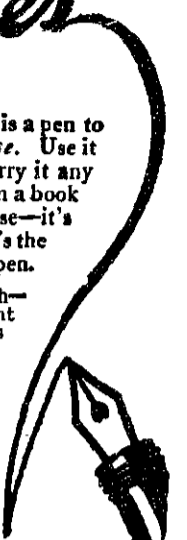
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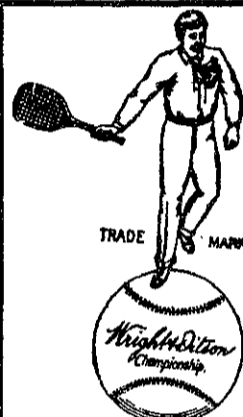
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**WRESTLING CLASS**

Twenty-five Men Started Spring Training Monday.

Monday afternoon the Wrestling Team began its spring training at the Gym. The first of the series of wrestling classes was held also at the same time. More than twenty-five men appeared of which about half are new. More men are needed however, particularly in the 175-lb. and heavyweight classes.

The wrestling class will be held every Monday, Wednesday and Friday afternoon at 4.50 o'clock. Varsity practice will be held the same afternoons from 5.15 to 6 o'clock.