

# THE TECH

VOL. XXXIII. NO. 57.

BOSTON, MASS., THURSDAY, OCTOBER 23, 1913.

PRICE TWO CENTS

## MECHANICAL SMOKER RECEPTION TO NEW MEN

All Men From Courses II and X  
Invited—Program Begins  
At Eight O'Clock.

The Mechanical Engineering Society will hold their annual reception to new men Friday night at 8 o'clock in the Union. The reception will be in the form of an informal smoker with talks by Professors Miller and Haven and Mr. T. R. Cory, the vice-president of Wm. Filene's Sons Co. There will be smokes for all, and following the program, which will be interspersed with music, the refreshments will be served.

The purpose of the reception is to acquaint the members of Courses II and X with each other and with the advantages of membership in the Society.

Although, at present, Sophomores are not admitted to membership until the second term, they are cordially invited. However, a change in the constitution is being considered whereby these men may join the Society at the beginning of their second year and in that way enjoy the advantages at the Institute.

A program of lectures and trips for the year is being planned and will be announced later. On these trips the members of the Society have access to places which are ordinarily (Continued on page 4.)

## CROSS-COUNTRY RUN

Benson Wins In 24:58—Newlin and  
Nye Second.

Yesterday afternoon the Cross-Country Squad ran over the regular Tech course of five miles. The contestants left on the 4.07 train for Highlands, where the run was started. The distance was covered in very good time, the finish being at Tech Field. H. F. Benson was the first to cross the line, his time being 24 minutes and 56 seconds. The men finished in the following order: Benson 24:58, Nye 25:16, Newlin 25:16, Best 25:17, Graff 25:31, Wilkins 25:37, Brock 26:23, Peaslie 26:45, Gray 27:16, Enebuske 28:06, Parker 28:11, Sayward 28:17, Currier 28:56.

## CHEMICAL SOCIETY

Dinner on Friday In The Union—  
Prof. Norris To Speak.

At 6.15 P. M. on Friday the Chemical Society will hold a dinner in the Union. All Freshmen and upper classmen taking chemical courses are invited. Professor Norris of Simmons College is to be the speaker. Professor Norris is professor of Organic Chemistry at Simmons and lecturer in Organic Chemistry at Harvard. He was formerly assistant professor at Tech and has been president of the Technology Club.

The results of the special election for the program committee will be announced at the dinner. The tickets for this dinner are fifty cents and may be obtained from R. H. Dickson president of the Society.

## SOPHOMORE GAME WITH SOMERVILLE CANCELLED

High School Manager Refuses To  
Play—Scrimmage At Oval  
Tuesday.

The game between the Sophomore Football Team and Somerville scheduled for yesterday afternoon was cancelled. Manager Buxton sends the following letter, received from Somerville, as an explanation:—

P. H. Buxton, Boston, Mass.,

Dear Sir—The chairman of our athletic committee requests me to write to you stating that it will be impossible for us to play M.I.T. 1916 at Somerville, October 22, as scheduled. Our team is coming along very slowly, and it is thought unwise to play so near our hard game with Waltham. I regret that we will not be able to play the game later.

Yours truly,

G. C. Blodgett.

In practice Tuesday the regular team was opposed by about five men, who all played on one side of the line. All the plays were tried on this side. After about twenty minutes the defense was shifted and scrimmage started on the other side. Roper at quarter and Jewett, Dewson and Smart formed the backfield. Yesterday only signal practice was held. The regular team lined up as follows:

Duff l.e., Hill l.t., Burford l.g., Hunt c., Lovejoy r.g., Kaula r.t., Stowell r.e., Roper p., Dewson r.h., Miller l.h., Jewett f.b.

Another set of backs also went through signal practice. This backfield consisted of Allen q.b., Thrasher, Smart, and Hubbard. Drummey Clarkson and Reycroft were also out.

The total number of candidates now number about twenty, but there is still a great opportunity for candidates, and more are needed before much scrimmage can be had.

## ANNUAL FALL MEET

The annual Fall Handicap Meet will be held Saturday afternoon at 2.30. This event has always been one of the most interesting of the fall season, and ranks next to Field Day in athletic interest. This year the usual number of enthusiastic new men are out and with the handicaps the finishes promise to be close. This meet also serves to give each class an idea of the strength of its relay men. A nominal charge of twenty-five cents will be made for admission.

## RIFLE CLUB MEETING

An important meeting of the Rifle Club will be held in Room 27 Rogers at 1 P. M. All new men will be heartily welcomed, and plans will be made for the Club events of the year.

Last year Technology was represented by a fine team, and it is desired that all men who have had, or wish to have, experience in this work come out and help give Technology another good team this year.

Yesterday was fine weather for practice of the out-of-door sports.

Field Day only two weeks away.

## ELECTRICAL ENGINEERING SOCIETY BALLOTS OUT

Office of Vice-President To Be Filled  
—Ballots Due  
Saturday.

The ballots for Vice-President of the Electrical Engineering Society may now be obtained at the Cage. The former Vice-President of the Society, J. F. Hendricks, has left the Institute and has gone to Cornell, and it is to fill this vacancy that this new election is called. The nominees for the office are: George K. Perley '14, L. K. Webber '14, F. B. Barnes '14, and M. J. Smith '13, all of whom have been very active in the Society affairs in the past. All ballots must be returned to the Cage not later than 5.00 P. M., Saturday, October 25.

If it is possible to complete the arrangements for a speaker the next meeting will be held on Thursday, October 30. The next excursion will be on Nov. 12, 13 and 14, and will be trip to the Simplex Wire and Cable Co., at Cambridge. This excursion will be preceded by a smoker at which Mr. Morse of the Simplex Co. will deliver an illustrated talk on the manufacture of wires and cables.

## FRESHMAN TUG-OF-WAR

Thirty Candidates Out For the Team  
—Good Practice.

The Freshmen held tug-of-war practice on the Oval yesterday afternoon, with about thirty men out. Comparatively few responded to Manager Wood's call made in yesterday's issue of THE TECH.

As usual the 1917 men used the gun for each starting and stopping, and in this way are preparing to get the jump on their opponents on Field Day.

## SOPHOMORE TUG-OF-WAR

Only a Few Candidates Respond To  
Manager Sully's Call.

Only two or three new candidates reported for Sophomore Tug-of-War yesterday in response to Manager Sully's latest call. This is not sufficient, and if those who do come out are to improve they must have some opposition. Practice will be held today as usual, and it is hoped that the squad will be greatly increased.

About twenty-five candidates were out yesterday. The first part of the practice consisted of pulling against the pole, while later two teams were picked. These were of almost equal strength and the pulls were very close and hard. Several of the upper classmen were on hand to coach the men. G. P. Allen, who was counter on the 1916 team last year, came out for practice for the first time today. R. Millis is the other candidate for this position, and either will have to work hard to get the place.

John Murphy, ex-1916 and quarterback on last year's team was at the Field on Tuesday to help coach the 1916 football men.

## SCULLY ELECTED JUNIOR PRESIDENT

Wins by Large Majority—Fletcher  
Elected Vice-President—  
Wardwell Treasurer.

The returns of the Junior elections show that F. P. Scully was elected President by a large majority. Scully is a Cambridge man. He was Vice-President of his class last year and also a member of the Athletic Association; he was Captain of the football team in both his freshman and sophomore years, and also a member of the basketball team in both these years.

R. S. Fletcher was elected Vice-President. Fletcher comes from Providence, R. I. He has been a member of the hockey team and of his class football team in both his freshman and sophomore years; he is now Assistant Manager of the hockey team. Fletcher won the number one book in the Technique rush last year.

V. E. Wardwell, a Connecticut man, was elected Treasurer. Wardwell has been a member of his class football team for two years. He was also prominent at the summer camp last summer.

Mary E. Plummer, who was elected Secretary, is the first co-ed to be elected to a class office. Miss Plummer is a resident of Newton and a member of Cleopha.

R. D. Waterman was elected Clerk, by a very small margin. Waterman (Continued on page 3.)

## SOPHOMORE RELAY

Urgent Requests from Coach Kanaly  
for More Men.

Word comes from Coach Kanaly that there are still a large number of men in the Sophomore Class who ought to come out for Relay. Most of these men can do good work and can strengthen the team materially. It must be remembered that those out for Cross-Country will be unable to run on Field Day on account of the conflicting Cross-Country event.

The 1916 Relay time trials are to be held this afternoon at the Field.

## WEATHER

For Boston and vicinity: Unsettled, probably followed by rain; rising temperature.

## CALENDAR.

Thursday, Oct. 23, 1913.

1.00—Rifle Club—27 R.  
4.00—1916 Relay Trials—Field.  
4.15—1916 Tug-of-War—Gym.  
4.15—1917 Tug-of-War—Gym.  
4.15—1916 Football—Oval.  
4.15—1917 Football—Field.  
4.30—1917 Relay—Field.

Friday, October 23, 1913.

4.00—Executive Committee Chess Club—Union.  
6.15—Chemical Society Dinner—Union.  
8.00—Mechanical Engineering Society Smoker—Union.

Saturday, Oct. 25, 1913

2.30—Fall Handicap Meet—Field.

# THE TECH

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THURSDAY, OCTOBER 23, 1913.

Collegians the country over will watch with interest the experiment, which Dartmouth is hoping to try this year, of having upper classmen tutor such new students as are obliged to leave college after the first term because of failure in the mid-year examinations. The number of men who drop from our big colleges after mid-year is a subject of annual comment, but Dartmouth is the first school to propose any remedy.

The most significant fact in Dartmouth's attitude is its challenge of the time-honored conviction that these failures are inevitable, that the men who fail are in some way unfitted for a college education, and that this weeding-out process is necessary in order that none but the fittest may survive. This conviction is frequently based upon the fallacious syllogism, too generally current in college circles, that because all the unfit are weeded out, all that are weeded out are unfit. Dartmouth is recognizing the folly of basing judgment of a man's ability so arbitrarily upon what he does in any one term, and especially in that term in which most factors are likely to combine to make his work unsatisfactory.

It will naturally be asked whether any such plan could succeed at Tech. We question its practicability in a school where the pressure of work upon all classes is so great as at the Institute, but we should hardly care, in view of the time which some of our men are devoting to social work, to pronounce its adoption an utter impossibility.

## ADDRESS TO COURSE VII.

The advanced students of the Course in Biology and Public Health will be addressed this afternoon by Mr. George R. Taylor. Mr. Taylor is a graduate of the Institute, and at present is connected with the Gas and Water Company of Scranton, Pennsylvania. The address will be given in 28 Pierce at 4.00. All interested are invited to be present.

## JUNIOR ELECTIONS

(Continued from page 1.)

is a member of the Technique Electoral Committee.

F. C. Foote and N. L. Foster were elected to the Executive Committee. Foote is a member of the Technique Electoral Committee. He was Managing Editor of THE TECH last year. Foster was on the relay team in his sophomore year.

C. W. Howlett and C. W. Wood were elected to the Institute Committee. Howlett was on his class football team in both freshman and sophomore years. He is a member of the Technique Electoral Committee. Wood was prominent at the summer camp last summer.

A. B. Curtis and C. L. Morse were elected to the Athletic Association. Curtis was Captain of the 1915 relay team last year; he was on the 'varsity quarter-mile relay team and has been on the Athletic Association for two years. Morse was on his class football, basketball and baseball teams in his freshman and sophomore years. He was Captain of the basketball team last year.

A summary of the results are given below:

For President—H. P. Scully, 66; E. B. Goodell, 22; H. P. Sabin, 18.

For Vice President—R. S. Fletcher, 53; E. E. Place, 43; K. W. Roy, 10.

For Treasurer—V. E. Wardwell, 54; E. J. Casselman, 31; T. J. Barry, 20.

For Secretary—Mary E. Plummer, 58; C. L. Hall, 25; R. V. Tiffany, 20.

For Clerk—R. D. Waterman, 29; H. L. Zepfler, 26; C. E. Sifton, 26; M. I. Marion, 23.

For Institute Committee—C. W. Wood, 54; C. W. Howlett, 43; J. B. Franks, 40; J. A. Tobey, 39; C. W. Fry, 35.

For Executive Committee—N. L. Foster, 65; E. C. Foote, 60; T. G. Brown, 40; L. E. Armstrong, 21; T. R. Johnson, 18.

For Athletic Association—A. B. Curtis, 49; C. L. Morse, 45; A. C. Blodgett, 35; M. E. Hill, 30; T. J. O'Brien, 30; T. H. Huff, 20.

## COMMUNICATION

In order to have something original on Field Day and to arouse an enthusiastic class spirit, the Chauncy Hall (1913) Club offers for the best 1917 class cheer submitted, a Tech 1917 banner, 72x36. All men of the class are eligible to enter the contest. Candidates must have cheers handed in at the Cage on or before October 30, at 1 P. M. These cheers will be submitted to the class to be judged at the next class meeting following. Get busy, 1917.

L. L. McGrady, Chairman.

Do you wear your hat in Huntington Hall?

Congratulations to Miss Plummer, the new secretary.

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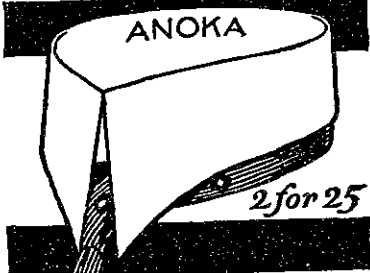
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### ANNOUNCEMENT

TECH MEN: I wish to inform you that I am no longer at the Westminster Hotel Barber Shop, but now with the Copley Sq. Hotel Barber Shop, corner of Huntington Ave. and Exeter St., where I shall be pleased to meet my many Tech friends and their acquaintances and will be in a position to give them a first-class service in an up-to-date shop.

Respectfully yours,  
JAMES J. MURPHY.

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### "BRYAN'S PLAN FOR PEACE" SUBJECT OF T. C. A. TALK

Mr. J. K. Tryon of World Peace Foundation to Speak This Noon in Union.

This noon, Mr. J. K. Tryon, of the Massachusetts Peace Society and of the World Peace Foundation will speak in the Union, and will be the third T. C. A. speaker of the year.

Mr. Tryon's subject is one which has attracted world-wide notice, and has been criticized both favorably and unfavorably. Bryan's plan for universal peace has been much discussed, and has been commented upon to a very large extent. What Mr. Tryon, who is an active worker in various peace movements, will have to say in regard to this universal plan will be of considerable interest, as he is well qualified to speak on a subject of this nature. A large attendance is expected at this noon's meeting in the Union at 1.30.

### ELECTIVE NOTE-BOOKS

All elective note-books that remain uncalled for after the first of November will be destroyed.

Walter Humphreys,  
Registrar.

### PHYSICAL LABORATORY NOTE-BOOKS

Students desiring to obtain their physical laboratory note-books are requested to call for them at once in Room 16, Walker.

All books remaining unclaimed after November 1st will be confiscated.  
H. M. Goodwin.

### ALTERATIONS OF SECOND- HAND UNIFORMS

A representative of the uniform contractors will be at the Armory during the Wednesday drill periods, Oct. 22 and Oct. 29, to take charge of all parts of uniforms requiring alteration as to fit or ornamentation. Students are at liberty to have the work done anywhere providing it is done properly but arrangement has been made to have this work done by the contractor at rates which are reasonable and probably cheaper than those charged elsewhere. This work should be attended to at once as when the new uniforms arrive the workmen will have all their time occupied by work on them and excuses will not be accepted for work delayed through carelessness. The address of the tailor employed for this work is James Greatorex, No. 27 Causeway St. You can go there, but will save trouble by turning in the articles at the Armory not later than October 29th, and better still on the 22d.

EDWIN T. COLE,  
Major, U. S. Army.

FOUND—Will the student who dropped a sum of money in the Architectural Library recently please call at the Bursar's Office and receive the same?

F. H. Rand, Bursar.

LOST—On October 20, between Lowell Building and Newbury St., a pair of torric glasses in black case. Shur-On springs, temples in case. Return to C. W. L., 12 Newbury St. Reward.

FOUND—A pair of glasses. The owner can obtain them by calling at the Bursar's office; also a lunch ticket for one of the local lunch rooms.

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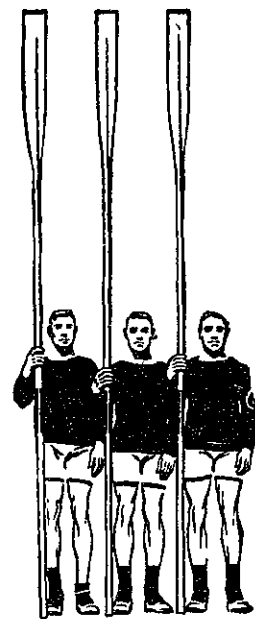
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**PROF. PALMER BEGINS SERIES OF LECTURES**

"Some Types Of English Poetry"  
Subject Of Lecture  
Yesterday.

Yesterday afternoon at five o'clock the first of the series of afternoon lectures to be given under the auspices of the Lowell Institute was opened by Prof. Geo. H. Palmer of Harvard University. His subject is "Some Types of English Poetry."

The subject of yesterday's lecture was "The Nature and Importance of Poetry." He took up poetry from the standpoints of substance, form, technique and importance. According to Prof. Palmer the opposite of poetry is not prose but fact. Matters of fact are collateral and small and have not to do with the central structure of poetry. Thus the field of ethics should not be confounded with the field of poetry, which is never dogmatic and never asserts, trying only to hold the glory of the world before us.

Prof. Palmer defines poetry as the conscious transmission of the actual experience of the poet's soul to the thoughts of the reader. He says, quoting Wordsworth, that while poetry is feeling, it is not feeling felt. It is feeling recalled in moments of tranquility and it is the recalling by the poet that gives the reader the poem.

The second in the series of Lowell Institute lectures will come next Tuesday, Oct. 29, at 5 o'clock in Huntington Hall. There are to be eight lectures in the course.

**TENNIS TOURNAMENT**

Good Weather Enables Entrants To Play Many Matches.

The fair weather of Saturday, Tuesday, and Wednesday, aided the entrants in the tennis tournament greatly, and over half the matches in the first round of singles have been played. Two of the four matches in the first round of doubles have been played, and the other two are prospects for today. If the weather continues fair, the end of the week will probably see the first round finished. Entrants are reminded that the entrance fees are now due and are to be left at the Cage for F. L. Hurlburt or G. W. Blakeley.

Singles: First Round—J. W. Easter, '14, W. S. Stewart, '16, 6-2, 6-4; M. P. Curtis, '16, d. L. Stone, '16, 6-1, 6-4; R. A. Warren, '15, d. G. R. Stevens, '17, 6-0, 6-1; D. E. Woodbridge, '16, d. G. H. Gaus, '16, def., G. M. Keith, '14, def., W. A. Strangman, '17, def., H. Roessler, '17, def., F. L. Hurlburt, '14, def., E. G. Polley, '17, d. M. P. Allen, '13, 5-7, 6-3, 6-0; G. W. Blakeley, '14, d. W. B. Strong, '17, def. Second Round—Warren D. Woodbridge, 7-5, 2-6, 6-2.

Doubles: First Round—Hurlburt and Fay d. Neuman and Runnells, 6-3, 1-6, 6-4; Warren and Polley d. H. R. Stewart and Richardson, 6-3, 4-6, 6-4.

**M. E. SOCIETY**

(Continued from page 1.) closed to visitors, a very important factor.

The dues and initiation fees of the Society are low so everybody is given an opportunity to belong. F. P. Karns, desk 43, Room 24, Engineering B, is ready to receive all initiation fees and dues. Shingles and pins may also be ordered from him.

**ENGINEERING AND SCIENTIFIC NOTES.**

A method for softening of public water supplies by the use of lime is discussed in an article published in the Engineering Magazine for October. The lime seems to be able to soften all forms of hard water ordinarily occurring in nature by neutralizing acids, converting carbonic acid and bicarbonates into insoluble carbonates and by precipitating iron, aluminum, and magnesium. Pure lime water, being a true solution, is much more effective than milk of lime. The method usually employed is to allow a certain quantity of raw water to come in contact with an amount of milk of lime calculated to soften it and to make a saturated solution of lime water which is then mixed with a large body of raw water. Temperature and agitation have an important effect on the rapidity and thoroughness of the process. If any of the caustic remains after the operation it must be removed either by addition of more raw water or be "carbonated" out by treatment with carbon dioxide.

A filtering must generally follow the process whereby the precipitates and sediment may be effectively removed.

American mining engineers are just beginning to employ the portable electric lamp as a safe means of mine illumination. Even the modern safety oil lamp has many chances of causing danger due to breakage or improper construction of parts and careless handling. The electric lamp, while practically as handy as the "Davy" lamp eliminates many of these dangers. The glowing filament is surrounded by a perfectly insulating vacuum, and if this were destroyed by breaking of the bulb the chances of danger would be small for the filament may be designed to burn out and extinguish itself instantly. It has been found that, since a low voltage battery is used and as there is no appreciable inductance in the circuit to cause an "extra current," the spark produced upon accidental rupture to the circuit is never large enough to ignite even a concentrated atmosphere of fire damp. The electric lamp may be worn in the cap, thus leaving the hands of the miner free, and a much more brilliant and satisfactory light may be obtained than with the oil lamp.

Some of the requirements of the electric outfit are that it shall be easily portable, shall be capable of withstanding rough usage and require a minimum attention. The battery should be capable of giving at least ten hours service under full load, when we consider the appalling accidents that occur due to faulty lighting, the importance of developing an efficient system along these lines is apparent.

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