

THE TECH

VOL. XXXV. NO. 25.

BOSTON, MASS., FRIDAY, OCTOBER 8, 1915

PRICE THREE CENTS.

ELECTRICALS HOLD YEAR'S FIRST SMOKER

Three Of Department Professors Speak To Entering Members.

The first meeting of the E. E. Society in the form of a smoker and reception to new members was held Wednesday evening in the Union. Many Juniors, Sophomores and freshmen were present and the membership was increased by 83. The first part of the evening was given to fifteen-minute talks by Professors Wickenden, Jackson and Greene, and at the close of the business meeting following, the men adjourned to the side rooms for doughnuts and cider.

Professor Wickenden touched upon the importance of the gathering and emphasized the practicability of joining one of the professional societies for the sake of getting in touch with the human side of Institute life. He spoke of the regard of student for professor and pressed those present to become more acquainted with their fellow-workers. He asserted that the work at the Institute had a tendency to narrow the views of the student because of too close concentration in subjects, and the way to avoid becoming restricted by routine is to get into touch with the broader and more human side through closer association with one's classmates and teachers.

The head of the Department, Professor Jackson, spoke of the ser-

(Continued on Page Four)

M. E. SOCIETY TRIP

Visit New Institute Buildings Tomorrow Afternoon.

All men who have signed up for the Mechanical Engineering Society's trip to the New Technology are to meet tomorrow at 2.15 o'clock at Stone & Webster's Massachusetts avenue office. The men will be shown over the plant in small squads, each in charge of a Mechanical Engineering Laboratory instructor. Men of all courses, especially II, X, and XV, option 2, have signed up. Many large scale mechanical and architectural problems which have been met in the construction of the new buildings will be explained to those who go.

RIFLE CLUB

All men in the Institute who desire to join the Rifle Club and who have not already signified their intention will meet this afternoon at 4.00 o'clock in 26 Rogers. Any men unable to be present are requested to leave at the Cage before 6.00 o'clock this evening their names with a list of afternoons when they are free to shoot.

FRESHMAN FOOTBALL TEAM SHOWS STRENGTH

Plays Brookline High Tomorrow —Sophomores Need More Tug-of-War Men.

The freshman class is still leading the Sophomores in the number of candidates out for the Field Day teams. Yesterday afternoon the 1919 Tug-of-War held practice with thirty-five men while on the same day the second year team had only twenty. Many of the members of last year's 1918 team are, for various reasons, not out this year and their loss is felt in practice. Captain Burton is much disappointed with the poor showing made so far and is anxious to have more men come out at once. Practice is held every afternoon at 4.00 o'clock at the Gym.

The freshman football team is developing into a strong machine and the temporary manager, W. C. Wood, says that it will be one of the best ever produced at the Institute and the equal of some of the college freshman teams. It is especially well fortified with line material. There is still a need for backs and the manager would like to see several more heavy men out for these positions. Practice is being held at the field every night. The first game is to be played against the Brookline High team tomorrow at 2.30 o'clock at the old Tech Field in Brookline.

Neither class has enough relay candidates yet from which to pick a team. The freshmen lead the Sophomores with thirty-eight against twenty-four. Coach Kanaly has in

(Continued on Page Three)

T. C. A. TALK

Mr. Edwin Mulready Speaks On "Industrial Changes."

Mr. Edwin Mulready, of the State Board of Labor and Industry, spoke yesterday noon in the Union on "Industrial Changes." Formerly, Mr. Mulready was on the Probation Board and he told some interesting anecdotes about his experiences in that line. In his talk, he told how the Board of which he is now a member is continually fighting corporations and business concerns in trying to better labor conditions. The changes in industry have made the changing of these conditions necessary. His appeal to Technology men was to help in the improvement of labor conditions when they take up life in the industrial world.

TAX COLLECTORS

The blanket tax collectors will meet in the Union today from 11.00 to 1.00 o'clock to turn in their receipt books.

TECH SHOW 1916 OPENS YEAR WITH SMOKER

Plans Outlined For Production Of Radically Different Form.

At the first smoker of the year, held in the Union last night, Tech Show 1916 was inaugurated, and



IRVING B. McDANIEL, '16.

plans for a type of show differing materially from anything given at the Institute in previous years were announced. Mr. Samuel Hume, who coached the production last year and who has been retained again for this winter, gave a short speech reviewing the reasons for the change of policy.

(Continued on Page Five)

OFFICERS' CLUB

Annual Election To Be Held Next Wednesday.

At the first meeting of the Officers' Club, held in the Armory last Wednesday, the following men were nominated for office: President, R. Millis, J. W. Barker, A. C. Lieber; for vice-president, R. Millis, J. W. Barker, A. C. Lieber; secretary, E. Spencer, C. H. Roberts, L. Herman. The members of the Program and Executive committees will be elected by acclamation next Wednesday, when the above nominees will be voted upon.

There are over 35 candidates for lieutenant this year, and first sergeants are to be chosen from the Sophomores, so that the club will have a large membership.

TECHNIQUE MEETING

An important meeting of the Technique Board will be held at 5 o'clock this afternoon at the Technique office. All the members are requested to be present.

CHEMICAL SOCIETY BANQUET TONIGHT

A. D. Little And Members Of The Faculty To Speak At Opening Dinner.

Tonight at 8.30 the Chemical Society will hold their first dinner of the year in the Union. The speakers will include Dr. Talbot and Dr. Walker. A. D. Little will speak on "Chemical Engineering as a Profession." This will be a good chance for the freshmen to get an idea of the chemical courses. Although not eligible for membership in the professional societies, freshmen are cordially invited to all their meetings.

GLEE CLUB TRYOUTS

No Places Retained For Men Who Do Not Report Today.

The tryouts for this year's Glee Club will be held this afternoon in Room B at the Union, from 4.00 to 6.00 o'clock. It is especially important that the members of former clubs, who expect to return to the club this year, report for tryout, so that the successful applicants among the new men may be notified immediately.

TRACK COMPETITION

The following men have reported for Second Assistant Managership in the Track Competition: R. M. Blood, H. J. Daube, G. G. Fleming, R. H. Guilbert, L. E. Hartman, J. W. Homer, Jr., D. W. Kitchin, D. D. Way, and H. F. Young.

CALENDAR

Friday, October 8, 1915.

- 4.00—1918 Football Practice. Y. M. C. A. Field.
 - 4.00—1919 Football Practice. Field.
 - 4.00—Relay Practice, 1918 and 1919. Field.
 - 4.00—Soccer Practice. Oval.
 - 4.00—1918 Tug-of-War Practice. Oval.
 - 4.00—1919 Tug-of-War Practice. Gym.
 - 4.00-6.00—Glee Club Trials. Union, Room B.
 - 5.00—Competition for Assistant Publicity Manager. Show Office.
 - 5.00—Chess Club Meeting. Union.
 - 5.00—Gym Team Practice. Gym.
 - 5.00—Technique Board Meeting. Technique Office.
 - 6.30—Chemical Society Banquet. Union Dining Room.
 - 7.00—Walker Club Meeting. Union.
- Saturday, October 9, 1915.
- 2.15—M. E. Trip meets at Stone & Webster's Massachusetts Ave. Office.
 - 2.30—Football Game, 1919 vs. Brookline High. Old Tech Field.
 - 5.00—Gym Team Practice. Gym.
 - 7.45—Cosmopolitan Club Meeting. Union.

THE TECH

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FRIDAY, OCTOBER 8, 1915

TIME HONORED CUSTOMS.

It is inevitable in an institution like Technology which has always stood for the highest in scientific training and development of personal responsibility, that a feeling of profound respect should have grown up among the students for their Alma Mater. This feeling has found its expression in a few simple but time honored customs, and the new men here should carefully form the habit of observing them.

The custom of rising when the Stein Song is sung commemorates the loyalty of Frederick Field Bullard, '97, who composed the music. Against the protests of his friends he rose from a sick bed to lead the orchestra which played his composition for the first time at a Technology Reunion. Triumphantly he was borne from the platform on the shoulders of his friends and amid shouts from lips that were a moment later hushed—for he died of heart-failure before his friends had lifted him from their shoulders.

In Huntington Hall and in the Union, hats are always removed, as these are the two great assembling places for the students.

In compliance with President MacLaurin's desire to know all the students, who are in a better position to recognize him than he them, it is considered the least courtesy the students can show to tip their hats to the President whenever they meet him.

At the freshman banquet Dean

COMMUNICATION

To the Editor of The Tech:

At 1918 Tug-of-War practice on last Wednesday afternoon there were present just two men from last year's team besides the captain and manager. There were seven new men out, making a total of eleven men. The response to the call for 1918 Tug-of-War candidates has so far been nothing short of disgusting. With such a condition of affairs the Sophomores cannot hope to win Field Day. This is not merely a presumptuous guess but rather an inexorable fact, and a fact to be deplored. In the case of the other teams a certain amount of skill is necessary, but in the case of Tug of War the only requisites are a fair weight, a good will, and a dash of that elusive something known as class spirit. It has been found by experience that an appeal to those men who "have no time" is worse than useless, but if there are twenty-five Sophomores of 140 pounds weight or more who have enough red blood to stand up and say "I want my class to win Field Day" let them present themselves at the next Tug-of-War practice.

WALTER J. HENRY, '18.

OPPORTUNITY TO VOTE

College men who were in Boston April 1, 1915, and have been residents of Massachusetts one year are eligible to register and vote. The hours for registration at the City Hall are from 9 A. M. to 9 P. M. until 9 P. M. October 13th. For Ward 10 the office hours are from 6 P. M. to 10 P. M. at the Ward Room, Chandler street, near Columbus avenue. For Ward 11, the office hours are the same at the Prince schoolhouse, at the corner of Exeter and Newbury streets.

FACULTY NOTICES

The list of small sections in Mathematics is as follows: Third Year, M. 31, Course XIII; Second Year, M. 21, Courses I, Section 3, VI, Section 1, X, Sections 1 and 2, XI, XIV and XV, Section 1; First Year, M. 10, Sections 8, 9, 10, 20; First Year, M. 11, Sections 4, 5, 8, 9, 10, 13, 19.

Prof. Thompson will meet his class in Elements of Electrochemistry next Friday, October 8, in place of Tuesday, October 12, as announced.

1st year, Section 1, German is transferred from Tuesday at 9 to Monday at 3.

WALTER HUMPHREYS,
Registrar.

Burton touched upon a fact that cannot be re-emphasized too often; namely, that Technology men are citizens of Boston, as well as members of the Institute. There is no reason why those students who are eligible to vote should not begin this fall to be useful citizens of a community.

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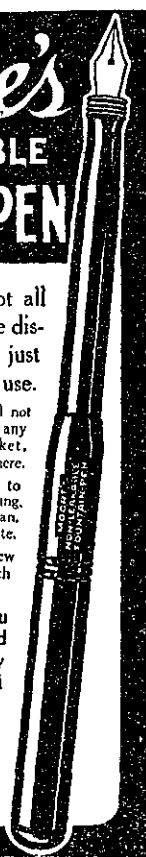
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CLASS NOMINATIONS OPEN SATURDAY

Dues Must Be Paid Before Bal-
loting—Three Upper
Classes Electing.

The nominations for candidates for officers of the three upper classes open on Saturday, October 9. The offices to be filled are, in each class, a President, Vice-President, Treasurer, Secretary, two representatives to the Institute Committee, two to the M. I. T. A. A. and two members of the class Executive Committee.

Nominations must be signed by ten members of the class and are to be left at the Cage addressed to the chairman of the proper nomination committee before 5 o'clock, Saturday, October 16. Class dues must be paid before elections or the votes will not be counted.

FRESHMAN FOOTBALL (Continued from Page One)

former years had about sixty men from each class out for this event, and feels that not enough interest is being shown this year. Time trials for the 1919 team will be held Monday, October 18, and for the Sophomores Thursday, October 21.

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**WIRELESS SOCIETY
HOLDS FIRST MEETING**

**Professor Kennelly Gives A
Very Interesting Talk To
Students.**

The Wireless Society held their first meeting of the year yesterday with about thirty students present. A. R. Morton, who was president of the society last year, gave a short talk on the present radio equipment which the society possesses, stating that before the present law, restricting amateur wave lengths, went into effect, the sending station had been able to work with Worcester without any difficulty. The society has a first class antenna and with good receiving instruments there is practically no limit to the distance that can be heard from. In the past Miami, Florida, has been heard from as well as Glace Bay and there is a chance for accomplishing even more. A new license has recently been issued to the club, he said, and there is an opportunity for research work to be carried on.

Professor Kennelly of the graduate department of electrical engineering of Harvard and Technology gave a talk on Radio Telegraphy and Telephony. The field in this work is still in its infancy and its importance as well as its value has been shown in various ways, one of which by the fact that jewelers as far west as Chicago depend almost entirely on Arlington for their official time which is sent out by this station every day. The speaker also mentioned the use of the wireless in signal work in warfare stating that in wars of the future as well as of the present it has already been shown and that the technically trained signalman, whether in wireless or wigwag, will be worth almost his weight in gold in the times that are to come.

Professor Kennelly stated that he is interested in research work, especially in measuring the strength of signals. Before very much can be accomplished in this work, however, it will first be necessary to construct some sort of standardized receiving set. With this idea in view he urged the members to turn their attention to something along this line.

The society is composed of students of the Institute and anyone taking up work here is invited to come to the meetings and join the club. The initiation fee is fifty cents with dues of one dollar a year payable in advance.

E. E. SMOKER

(Continued from Page One)

viceability of the Society. He appealed to the men to attend the meetings regularly to discuss the problems that arise in the course of the year's work. He believes that from such discussion a student can learn nearly as much as with strict study with the midnight oil. He explained further that when he was taking a postgraduate course at Cornell in 1885-1886 he gained many of the ideas which later bore fruit from numerous trips made to various places

of electrical interest. He therefore urged members to take as many of the trips as feasible.

Professor Greene claimed that he met so many of the students in the laboratory that he would speak of something apart from the Institute and at once proceeded to give an interesting account of a summer cruise along the Maine coast in a 45-foot sloop. This short lecture was illustrated by photographs taken during the voyage.

At the business meeting which followed the Juniors of Courses VI, XIV, and XV, 2, were admitted as members.

COSMOPOLITAN CLUB

The first entertainment of the Cosmopolitan Club for this year is scheduled for 7.45 o'clock tomorrow evening in the Union. Postal notices have been mailed to all foreign students and new men have been extended an invitation to attend. The Harvard Cosmopolitan Club will also be represented.

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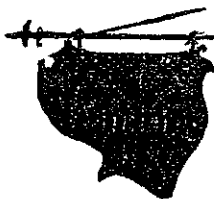
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TECH SHOW SMOKER
(Continued from Page One)

He stated that the sentiment at the Institute, as voiced through the alumni, was that the shows were beginning to grow monotonous, as audiences expected the same thing each year, and got it. A change of form is therefore the logical course to follow in maintaining the interest which has always been felt in the Show. Instead of a definite story connecting the incidents of the play, the plot will be entirely subordinated, and the Show will be more largely episodic. The tendency will be to focus the interest of the audience on succeeding incidents, rather than to reproduce the stereotyped form of musical comedy plot.

In consequence of this policy, he said, the Show this year will require short scenarios, built up around the specialty men who try out this autumn. The dialogue must be crisp and lead up to frequent laughs, which can be more easily accomplished when it is not necessary to maintain the thread of a pronounced plot.

Following this, Mr. Williams, of the Alumni Advisory Board, spoke of the alumni interest in the Show, and explained that the new policy would make possible a Show which would be distinctive of Technology, and would not try to compete with elaborate professional productions which it could not equal.

Some members of the cast of "Getting A-Cross," including I. B. McDaniels, '16, the author, then sang a number of the songs from last year's Show. These being finished, the stunts were called for, and a large number of new men responded, with amusing original contributions of different varieties, such as will afford opportunity for acts and specialty scenarios to be written around them. Refreshments were served, and men who intend going out for the Show were signed up at the close of the entertainment.

CIVILS' SMOKER

On Wednesday evening, October 13, the Civil Engineering Society will give its first smoker of the year. This meeting will be the first of a series at which interesting speakers will be obtained upon different subjects. The talks on Wednesday will be by Professors Breed and Whipple. Commissioner Rourke, of Public Works, of Boston, has been requested to speak, but this part of the program has not yet been definitely arranged. Refreshments will be served.

CHESS CLUB MEETING

The Chess Club will begin its organization for this season with a meeting, to be held in the Union today at 5 P. M. Tryouts for the team will be arranged, and the game-schedule discussed. New men interested in the game are invited to attend.

The Metropolitan Chess League games are expected to continue this winter. Harvard, temporarily downed in the 1914-1915 matches, has come back with a challenge to an 8-board match of three games.

PUBLICITY COMPETITION

Tech Show Meeting For Sophomore Candidates.

The publicity department of Tech Show 1916 announces that the Sophomore competition for first assistant publicity manager will open at 5.00 this afternoon. At that time Publicity Manager R. S. Stevens will meet all 1918 men, who intend to try out for this department, in the Show office. The competition will be short, and a first cut will be made quite soon. The successful man will hold his position during the remainder of the year, and will then succeed as the head of the department provided his work is satisfactory.

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First Issue Of The Year To Be
 On Sale Monday.

Next Monday morning the first issue of the Technology Monthly will make its appearance. Because of the many features and most interesting manuscripts, it is expected that the demand for the number will be unusually large. Among the articles is an illustrated story by Mr. Donnell, formerly of the Technology Monthly and Harvard Engineering Journal, on "Coast Survey Experiences," describing the work in the Philippines and in Alaska. There is also a description of silver mining methods in Northern Ontario, one of the world's richest silver districts, written by an Alumnus. In another article President Alex. C. Humphreys of Stevens Institute points out the dangers to industry of over regulation and explains a new field to the Technology man.

A new page which will be run frequently is entitled "Faculty Honors." This deals with honors that have been conferred upon our faculty. The first man considered is Professor Arthur A. Noyes of the Research Laboratory of Physical Chemistry. No pains have been spared in making up the three pages of photographs of the Bowdoin and N. E. I. A. A. meets by the staff photographers, and the four pages of cartoons by Van Zelm, '18, on current events.



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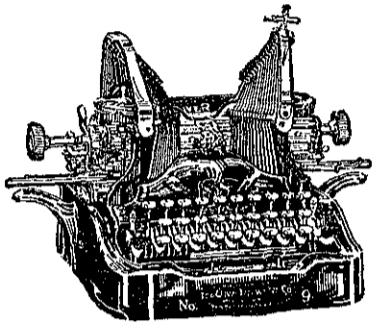
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